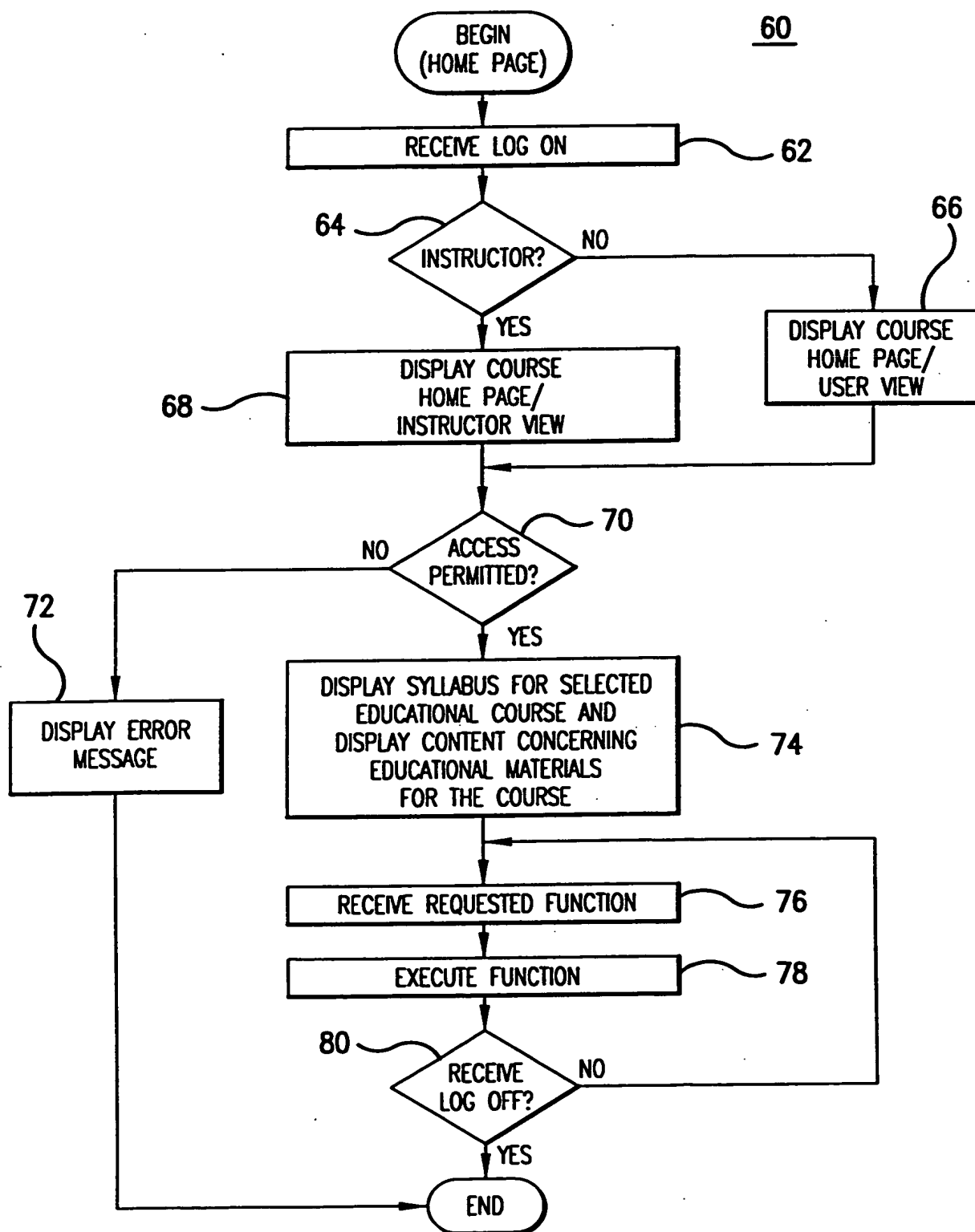


FIG. 1



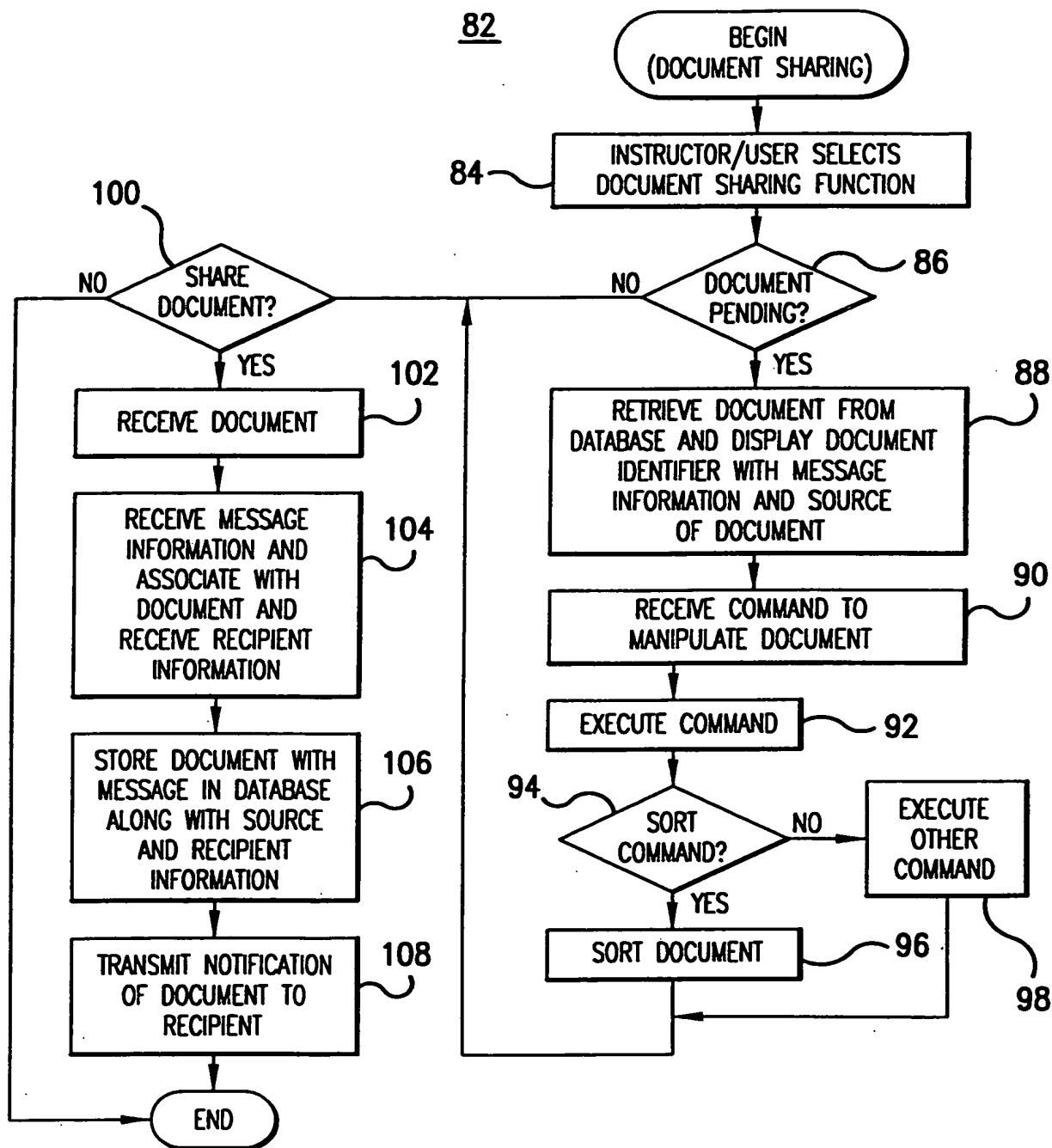


FIG. 1B

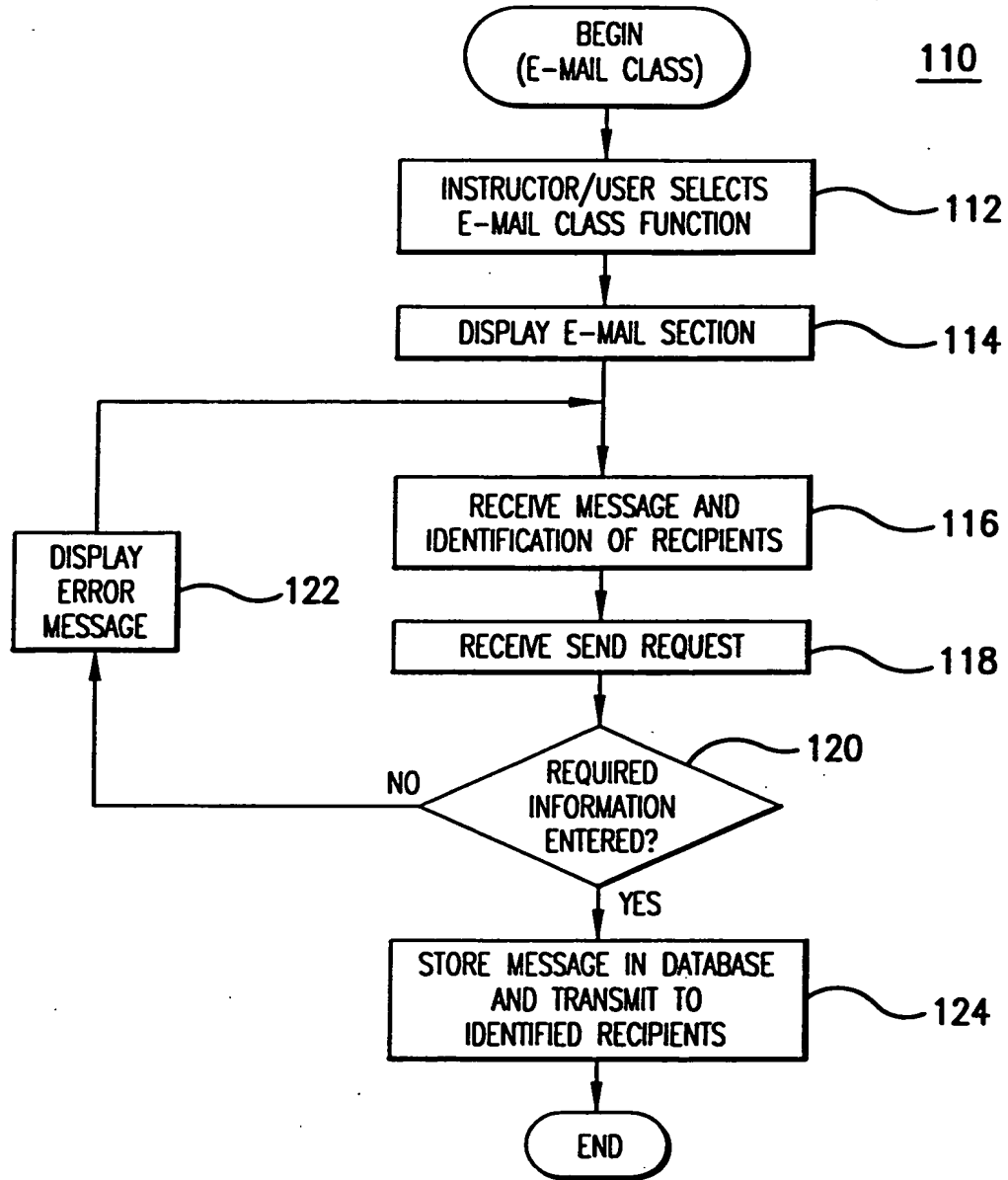


FIG. 1C

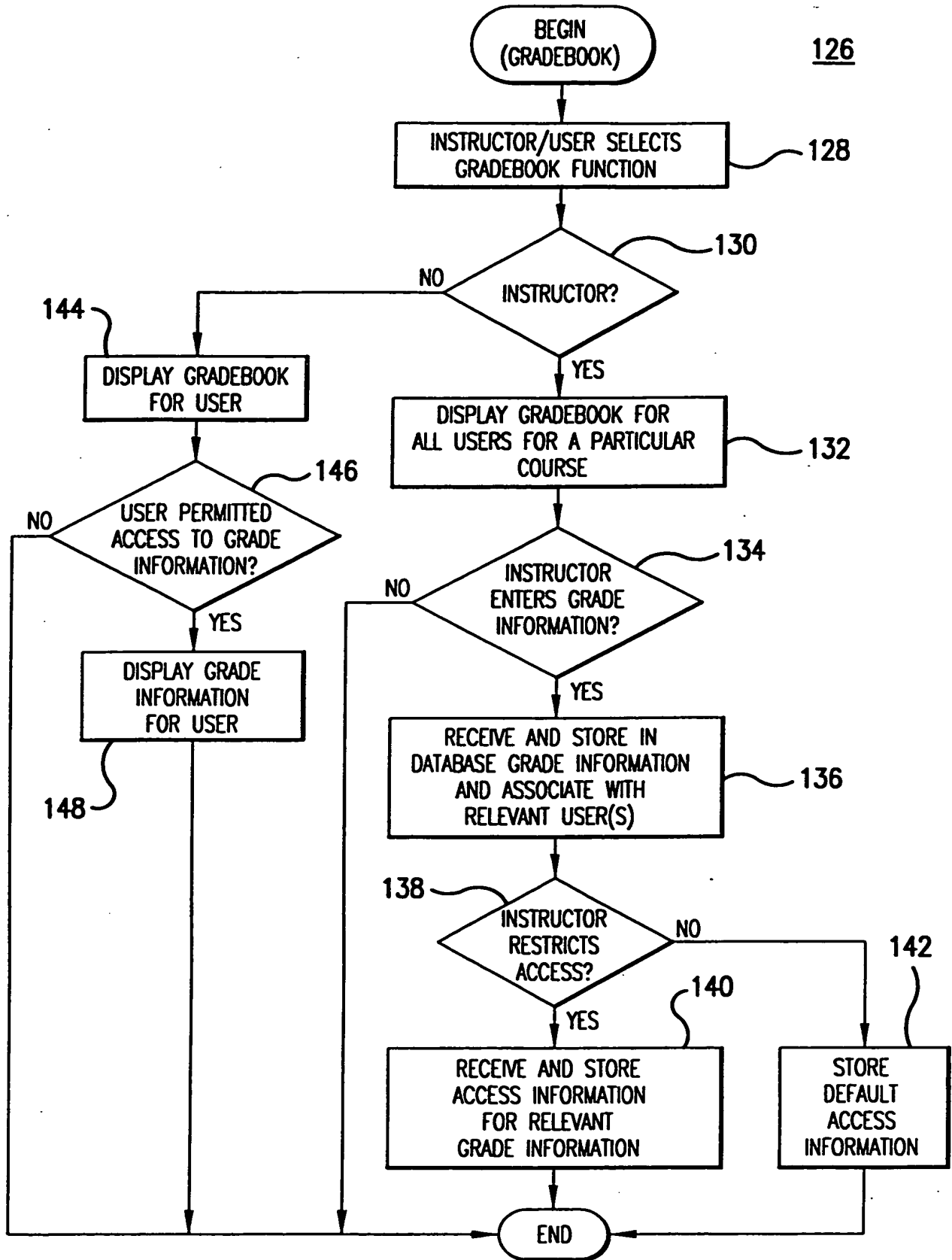


FIG. 1D

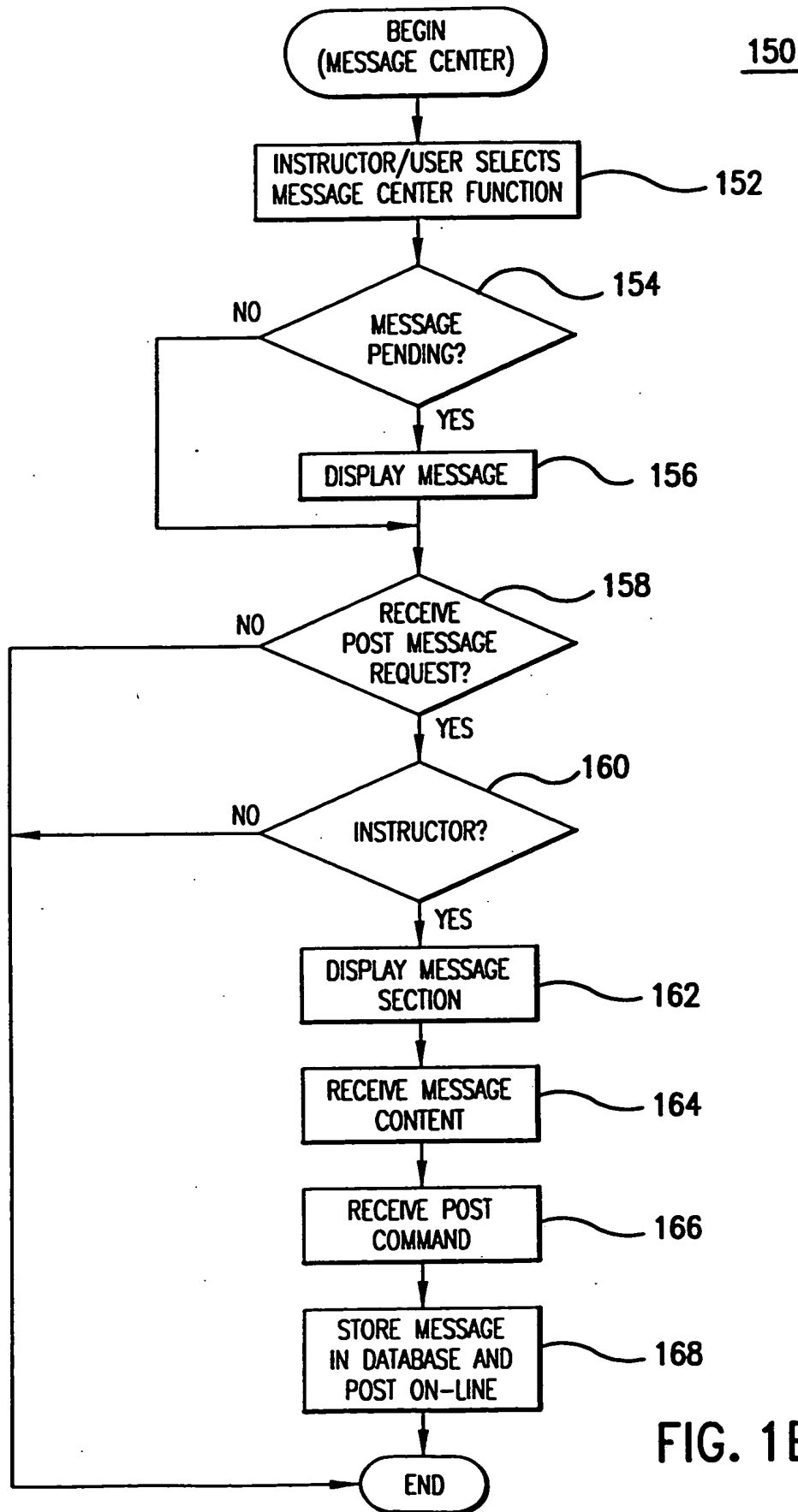


FIG. 1E

205240-112290F
10062214-042502

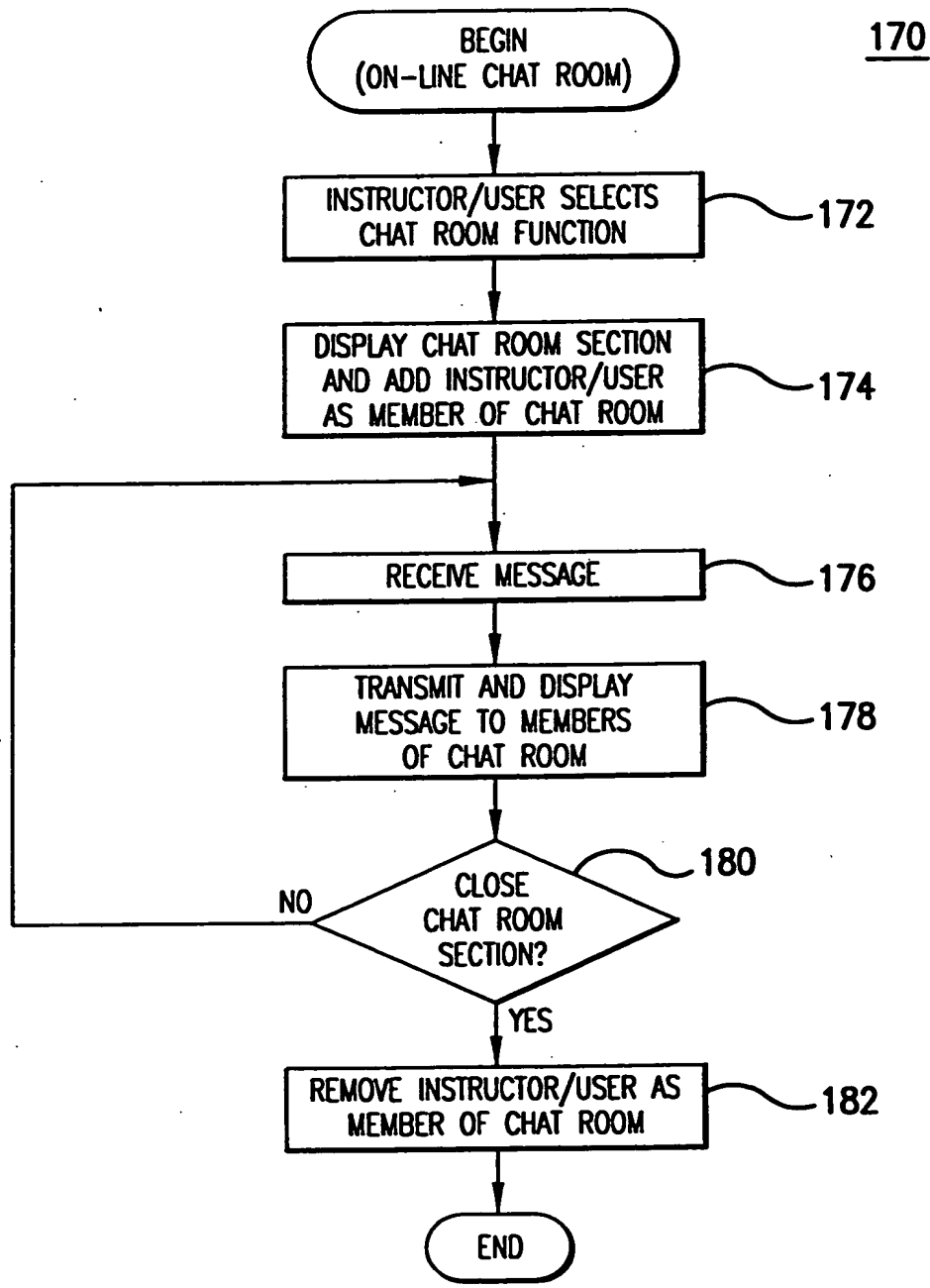
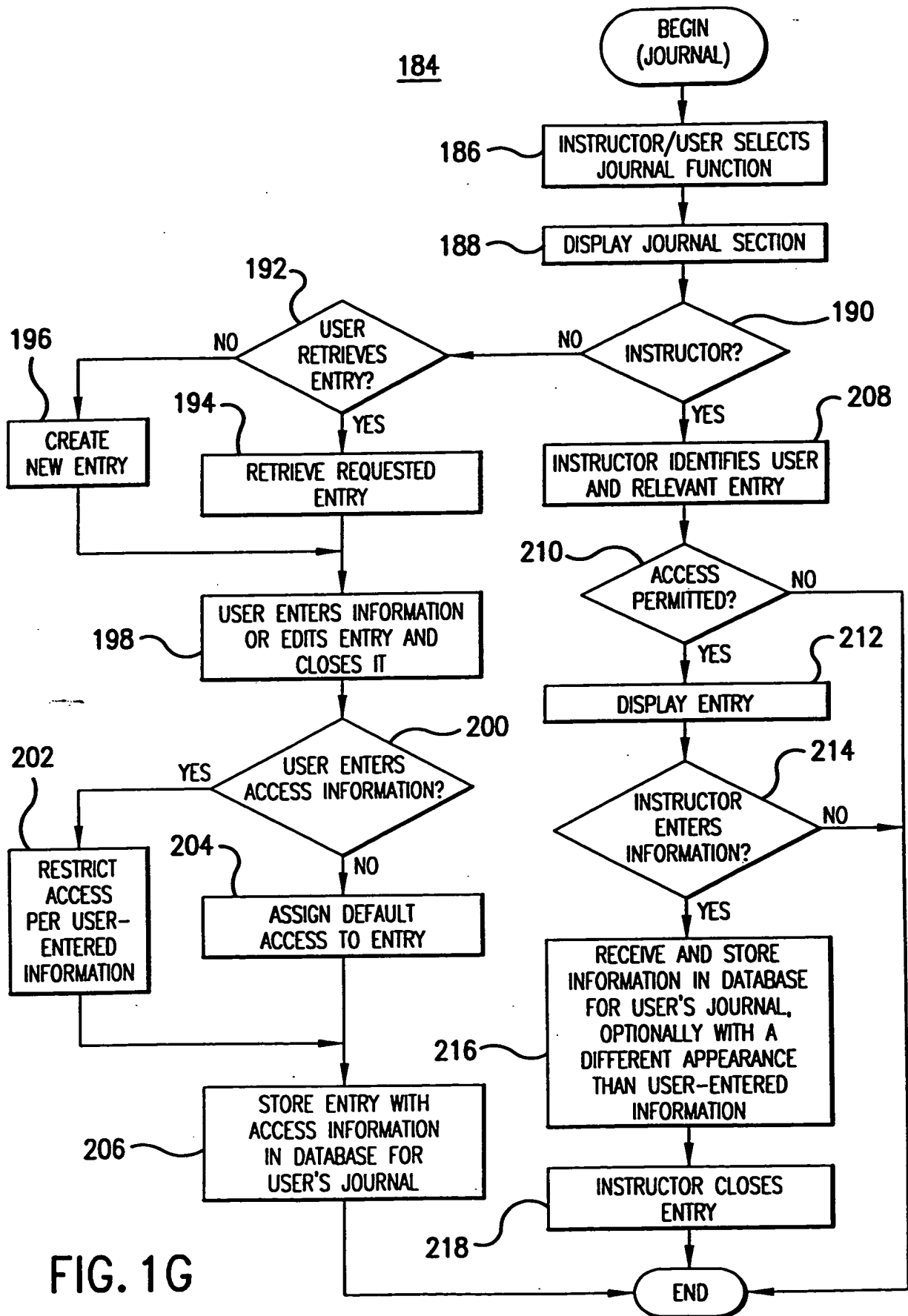


FIG. 1F

205240-11229001



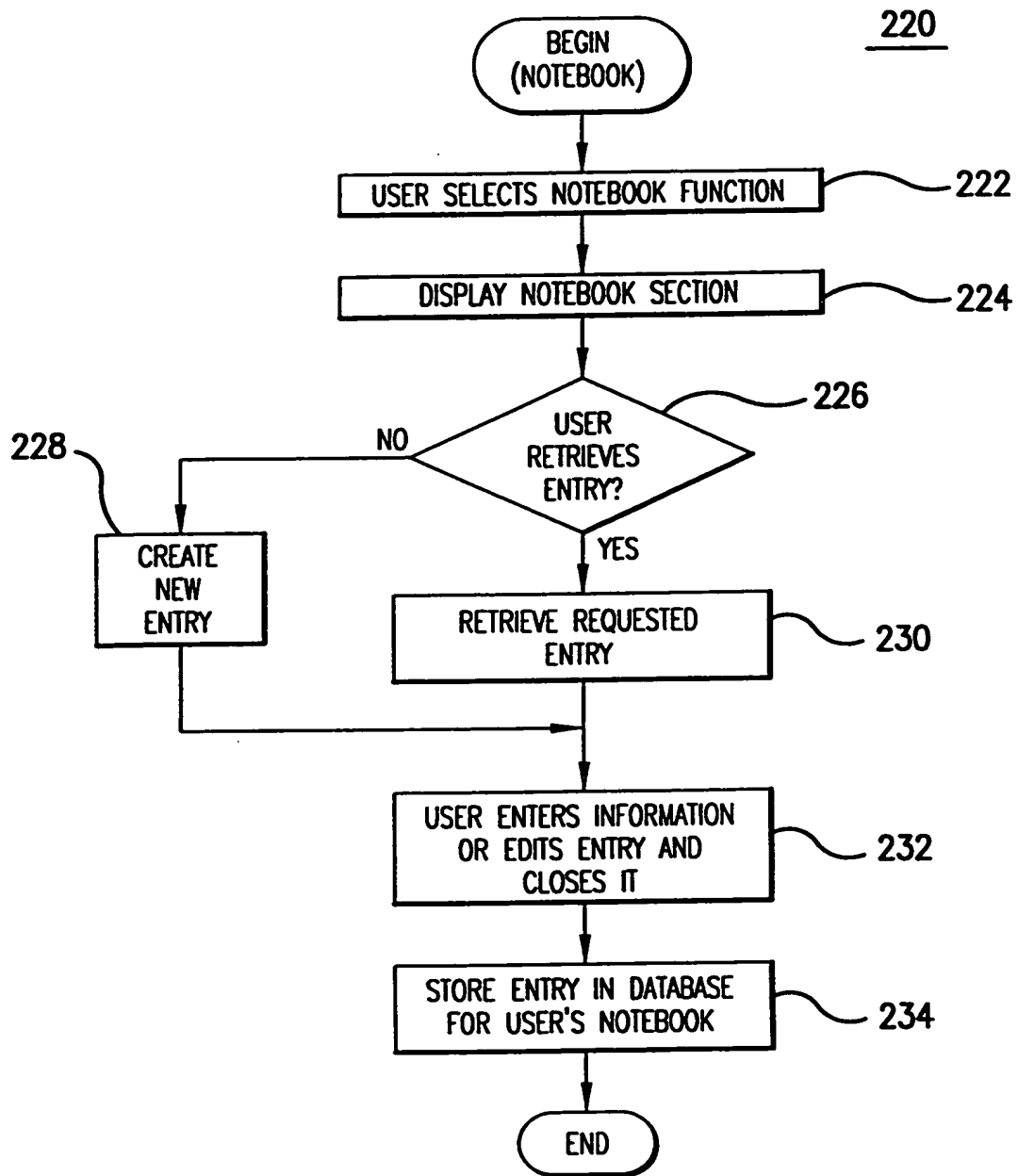


FIG. 1H

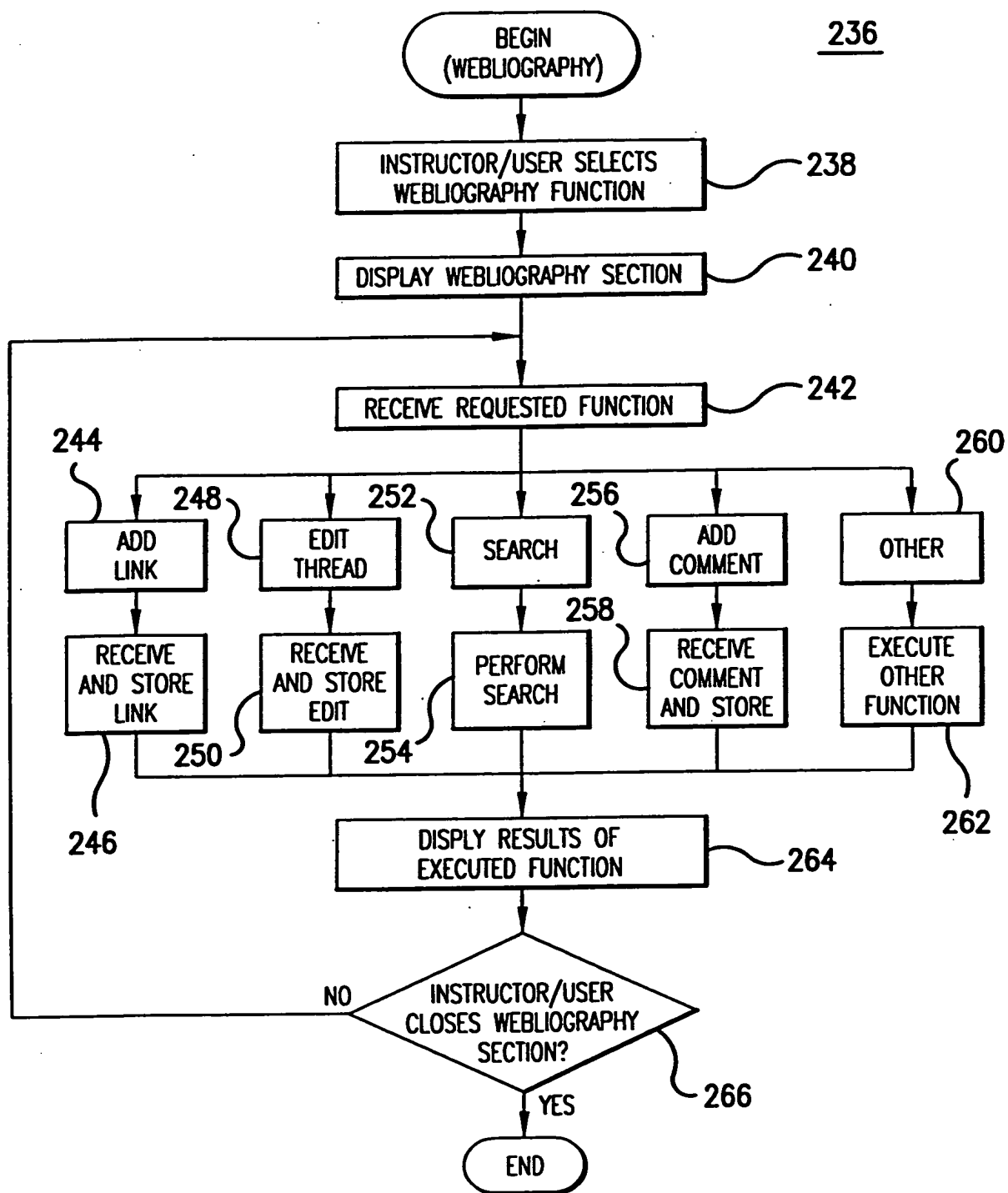


FIG. 11

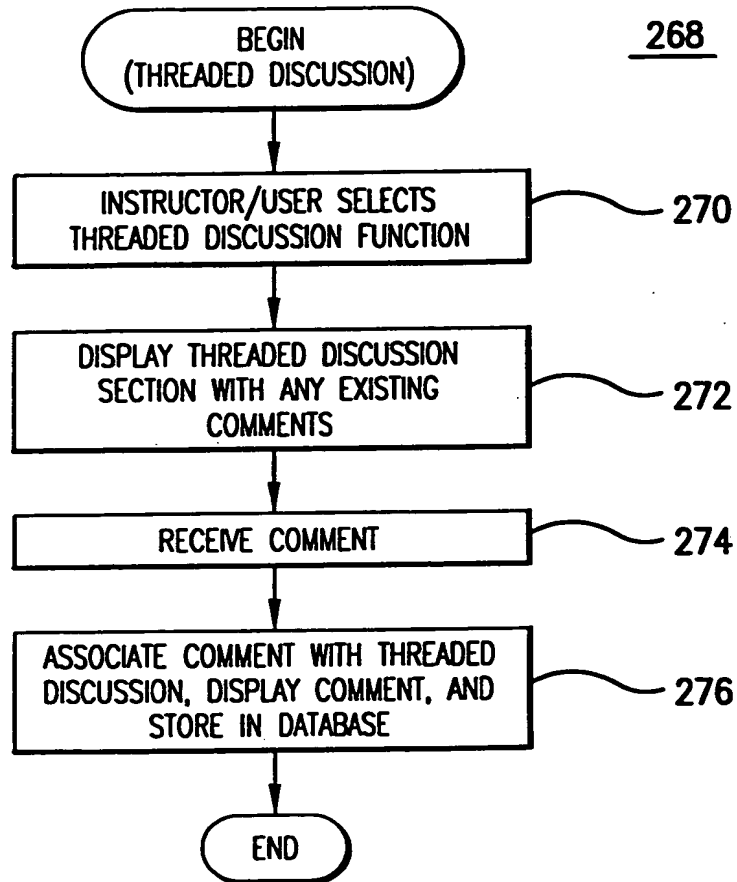


FIG. 1J

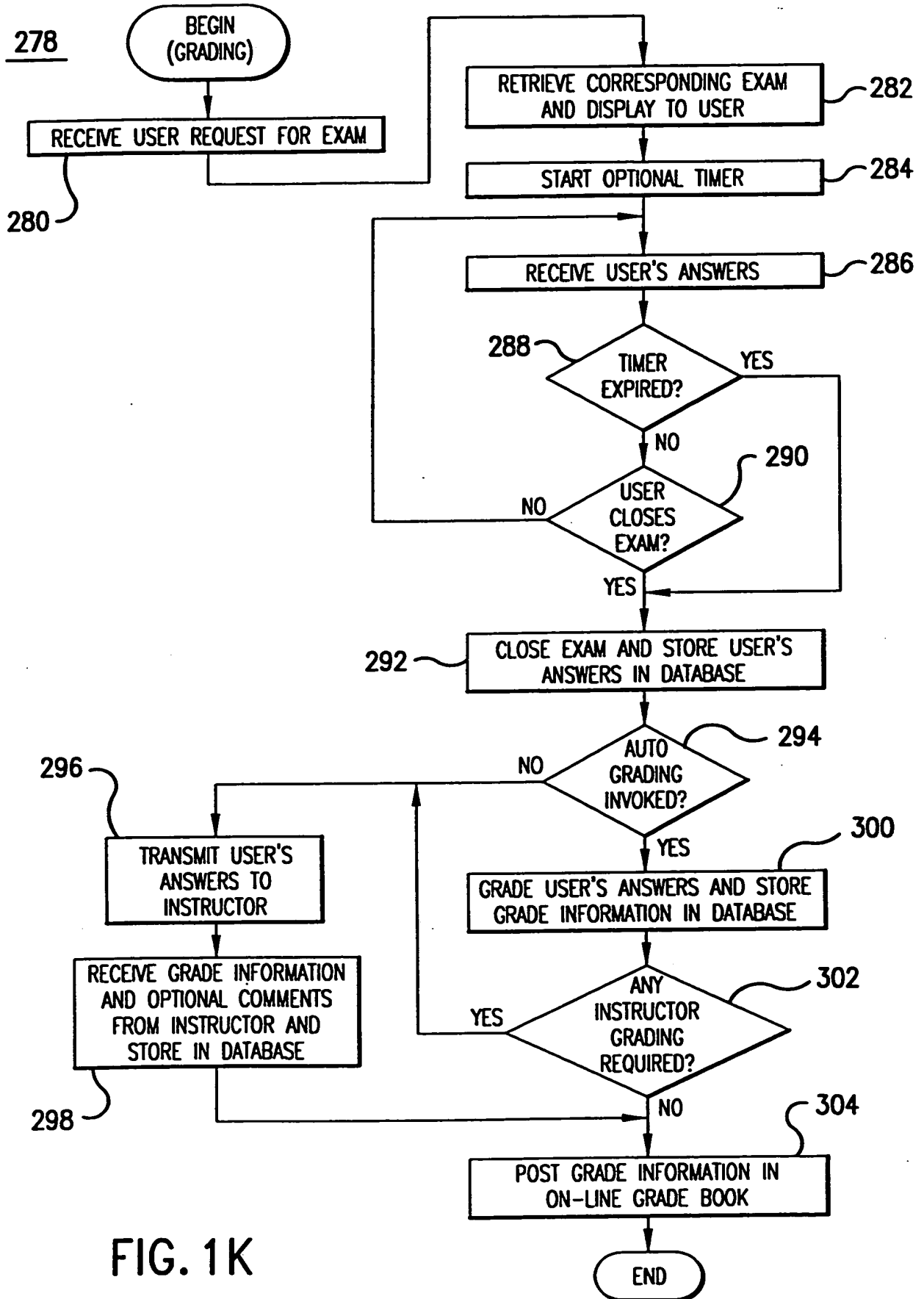
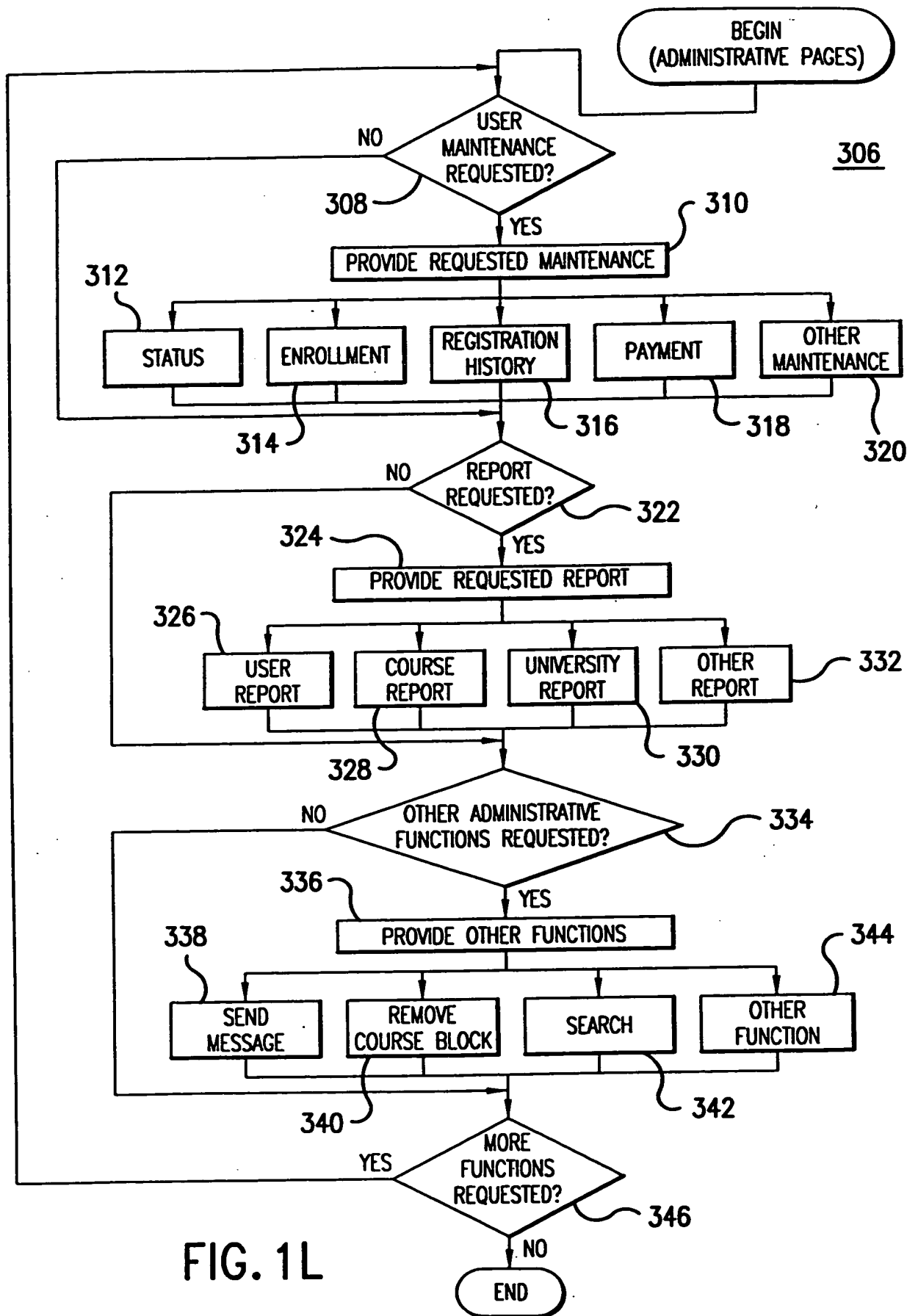


FIG. 1K



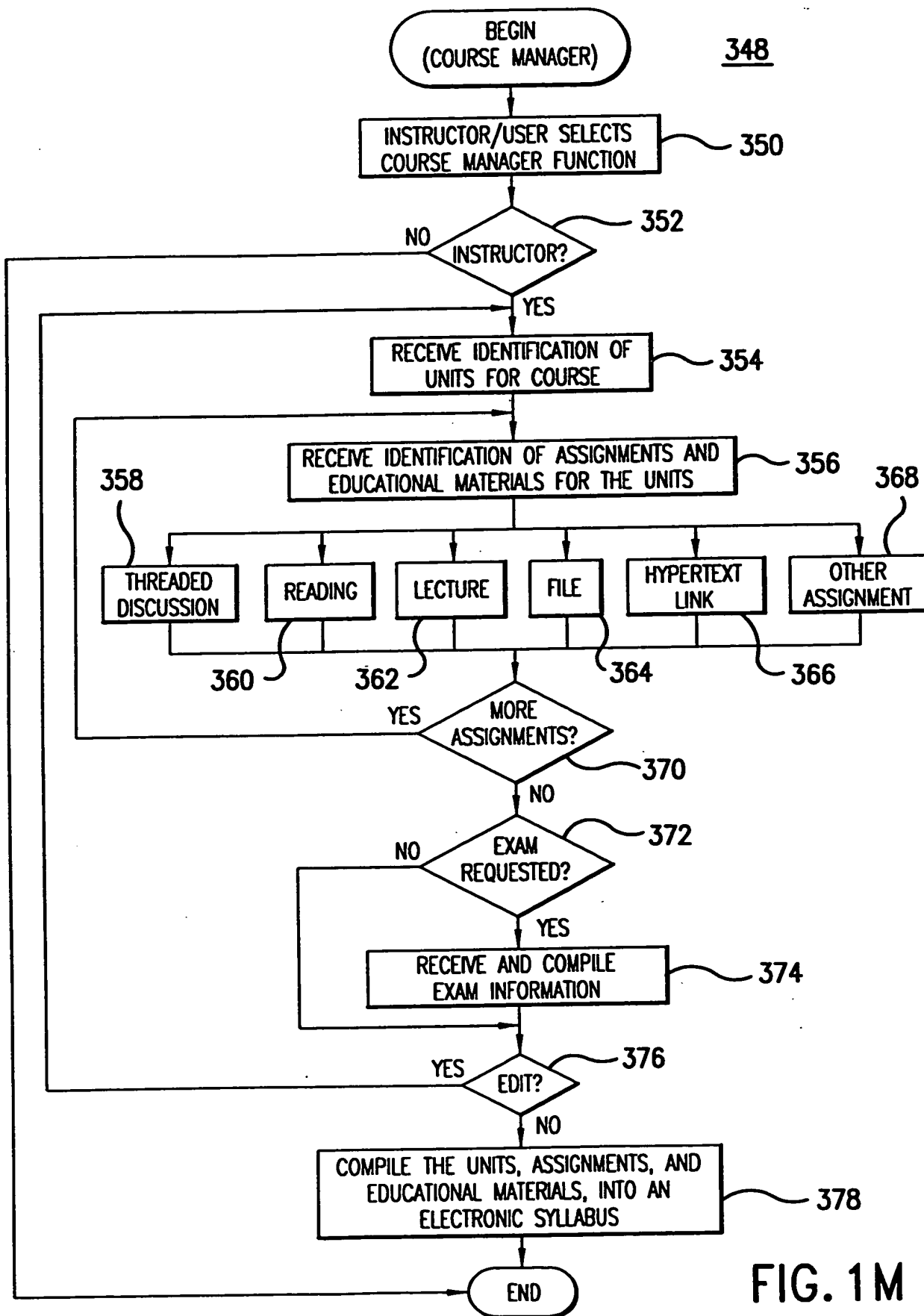


FIG. 1M

FIG.2A	FIG.2B	FIG.2C	FIG.2D	FIG.2E	FIG.2F
FIG.2G	FIG.2H	FIG.2I	FIG.2J	FIG.2K	FIG.2L
FIG.2M	FIG.2N	FIG.2O	FIG.2P	FIG.2Q	FIG.2R

500

FIG.2

FIG.2A

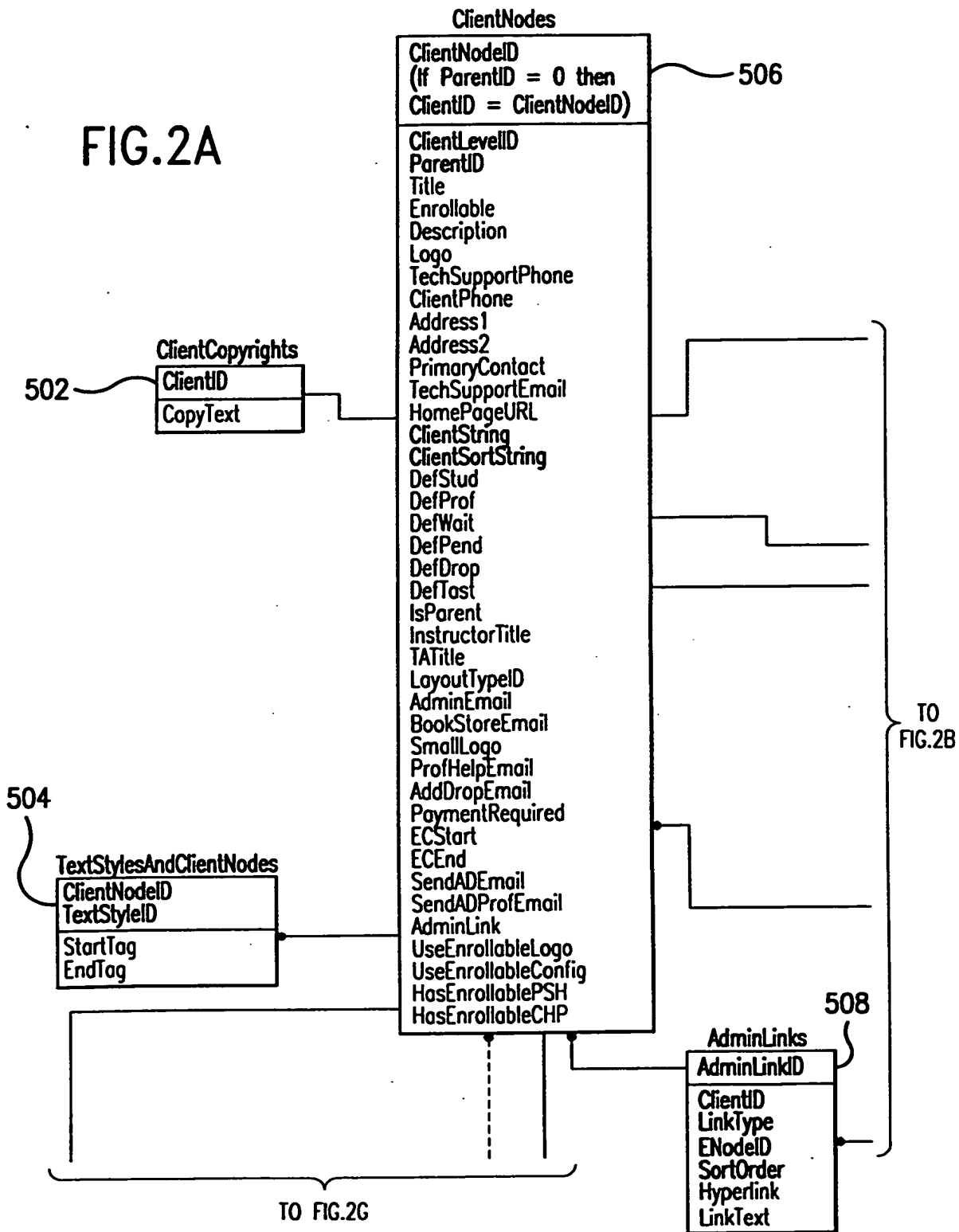
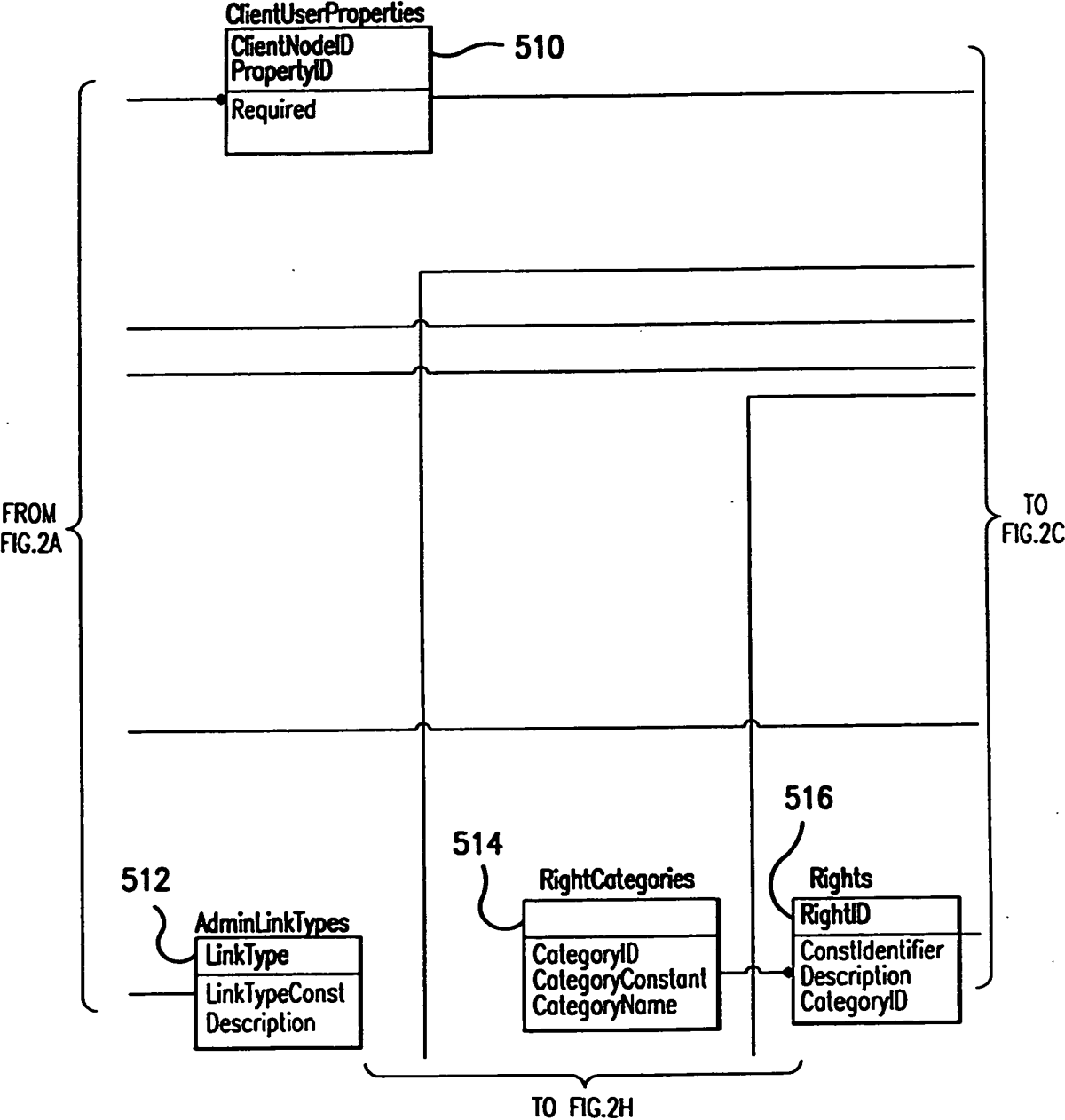
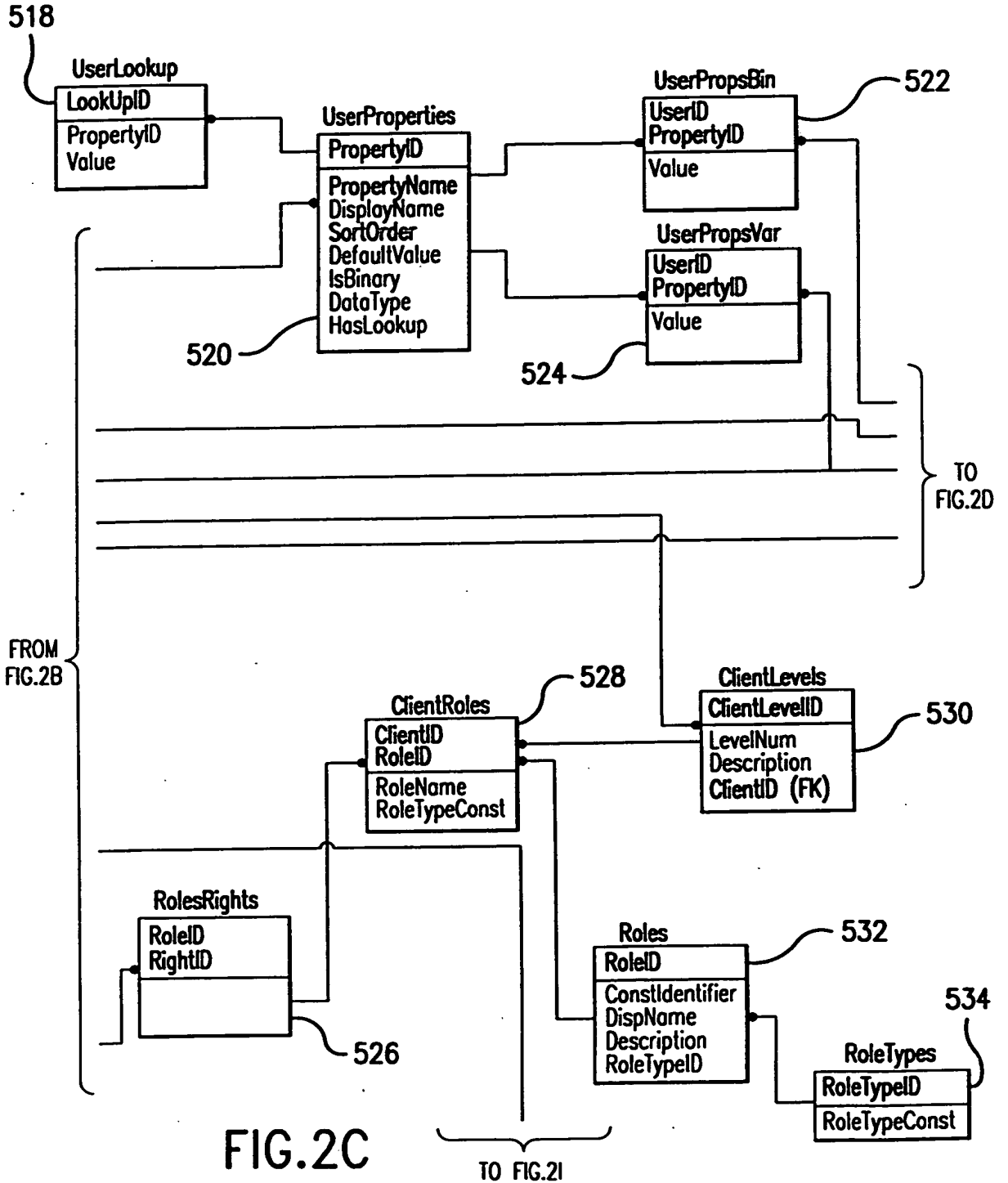
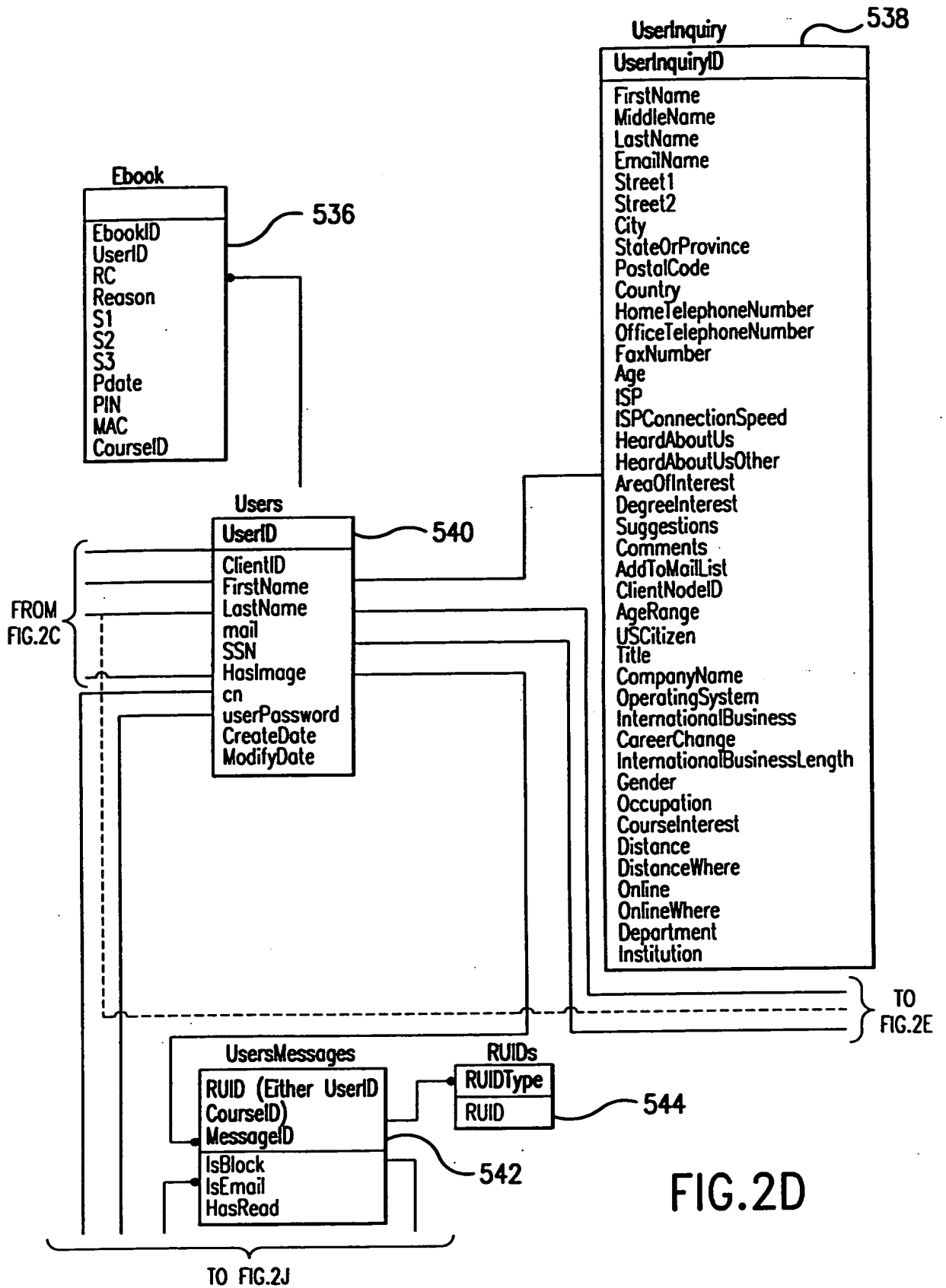
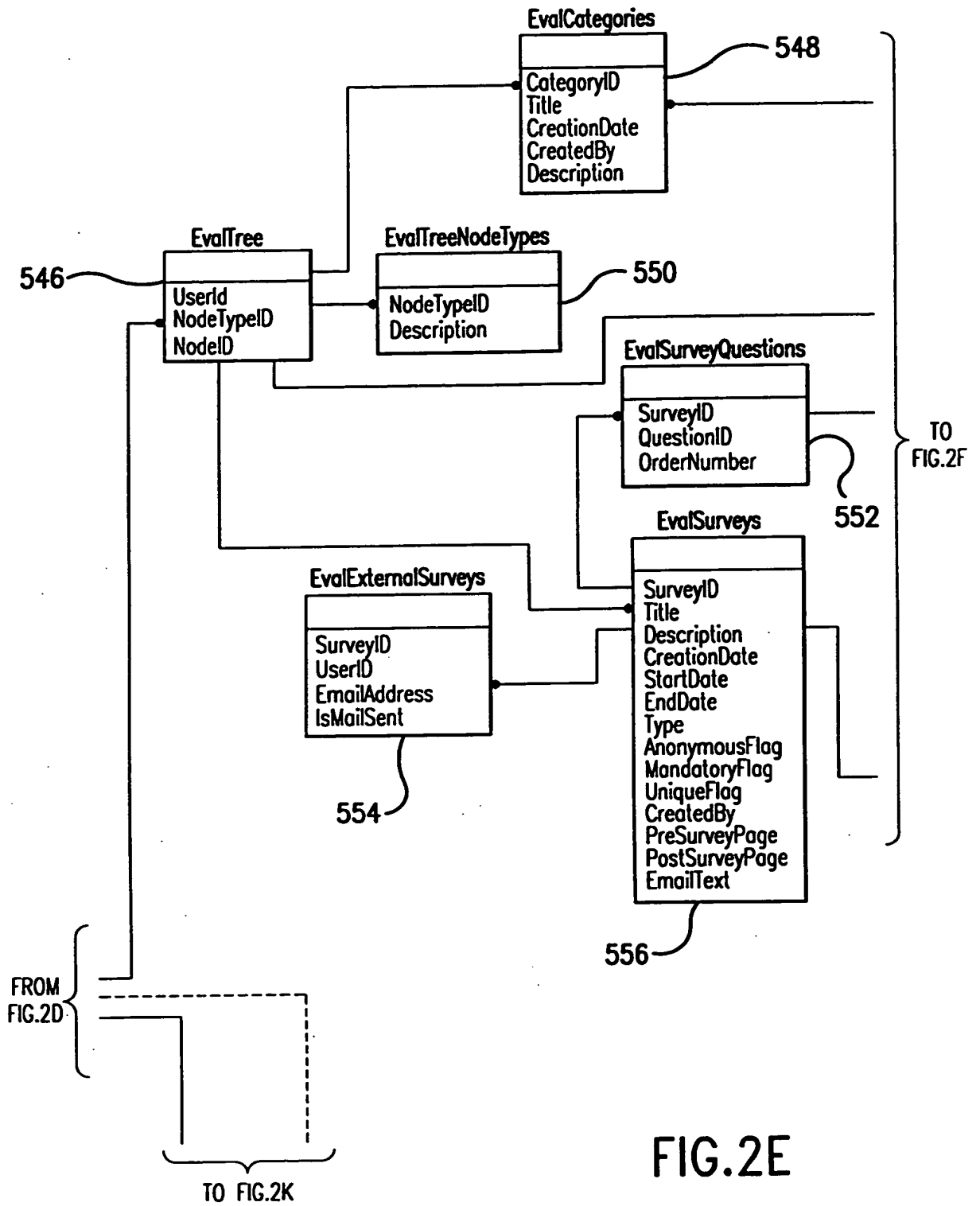


FIG.2B









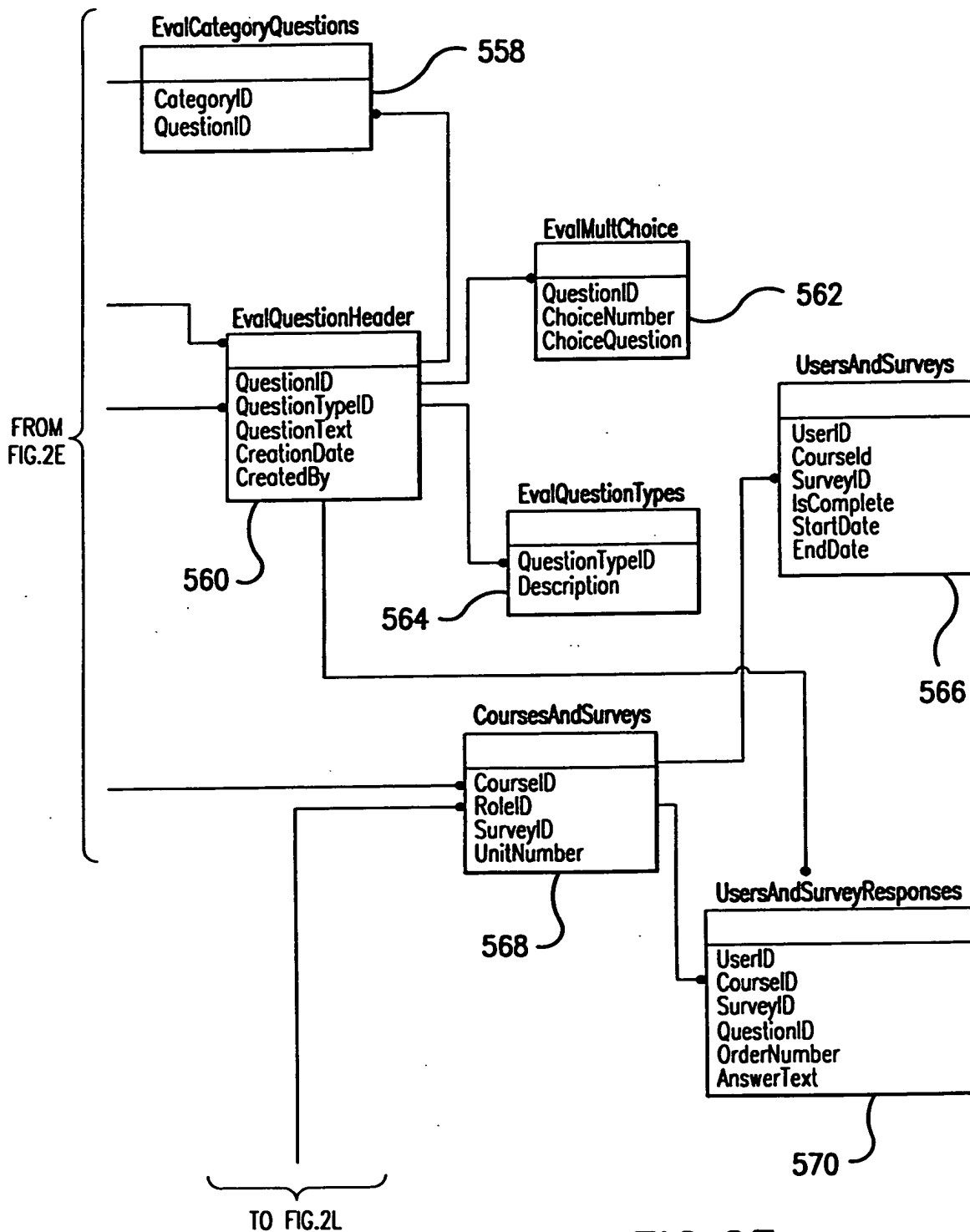


FIG. 2F

FROM FIG.2A

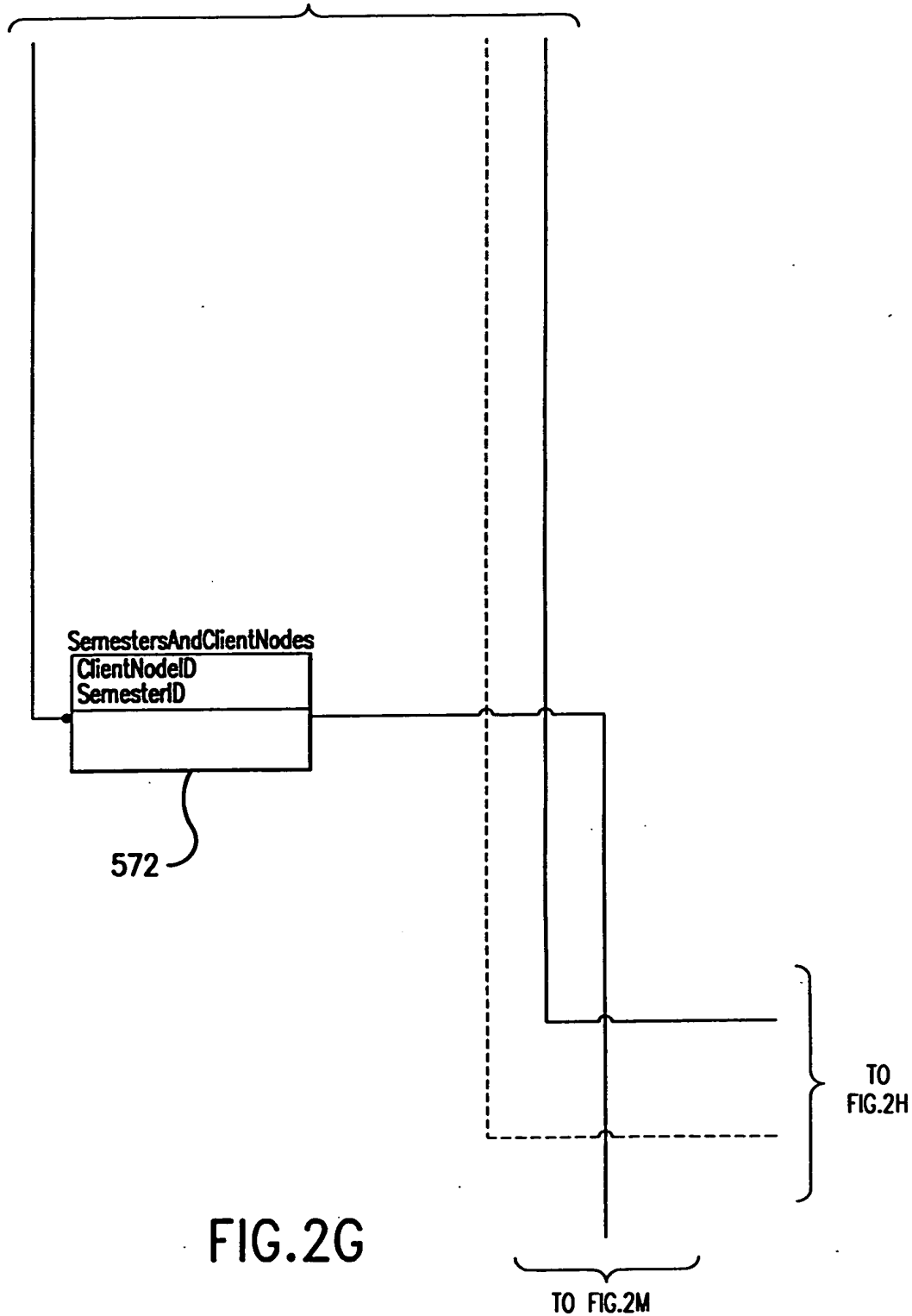


FIG.2G

FROM FIG.2B

TO
FIG.2I

FROM
FIG.2G

FIG.2H

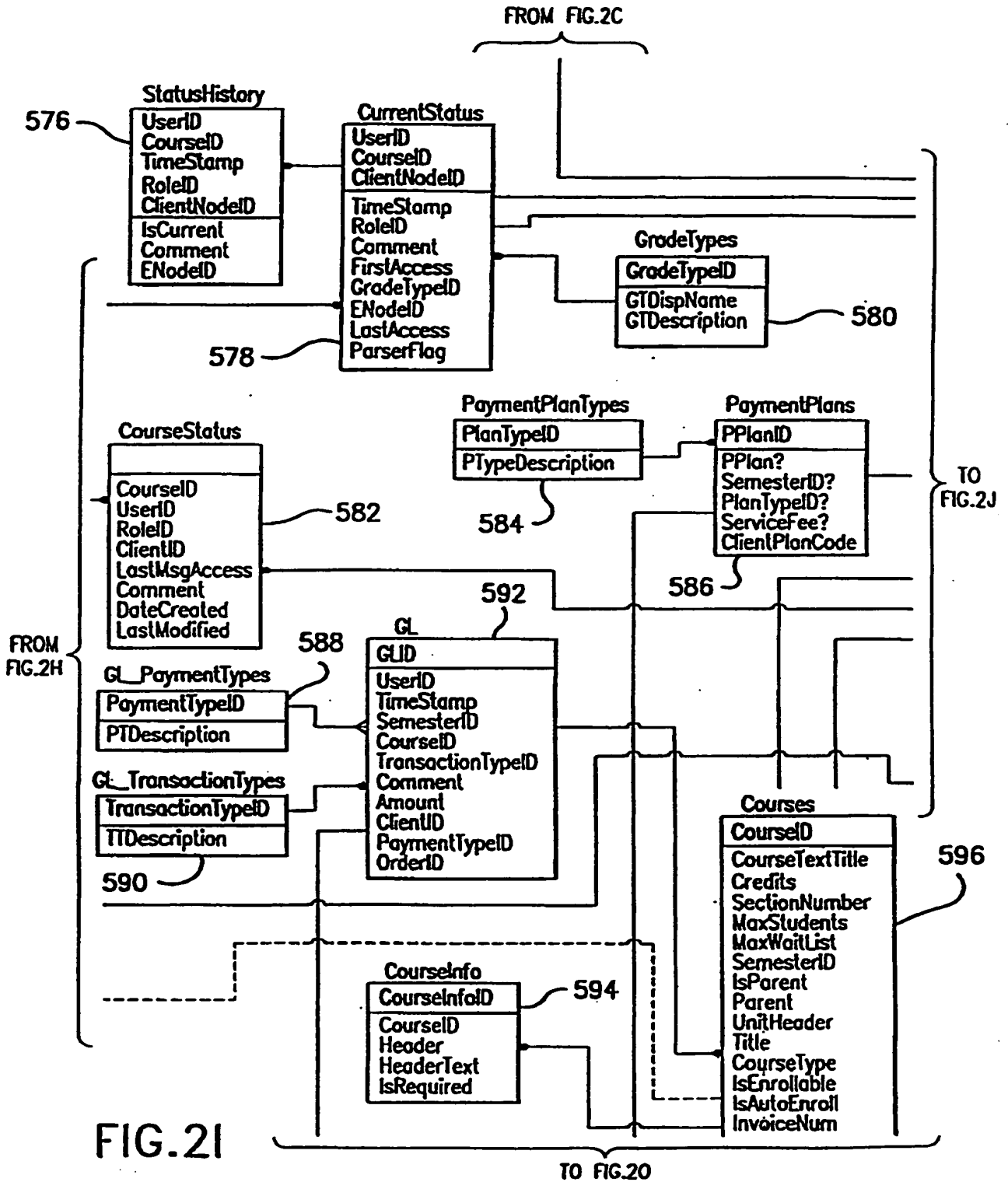
TO FIG.2N

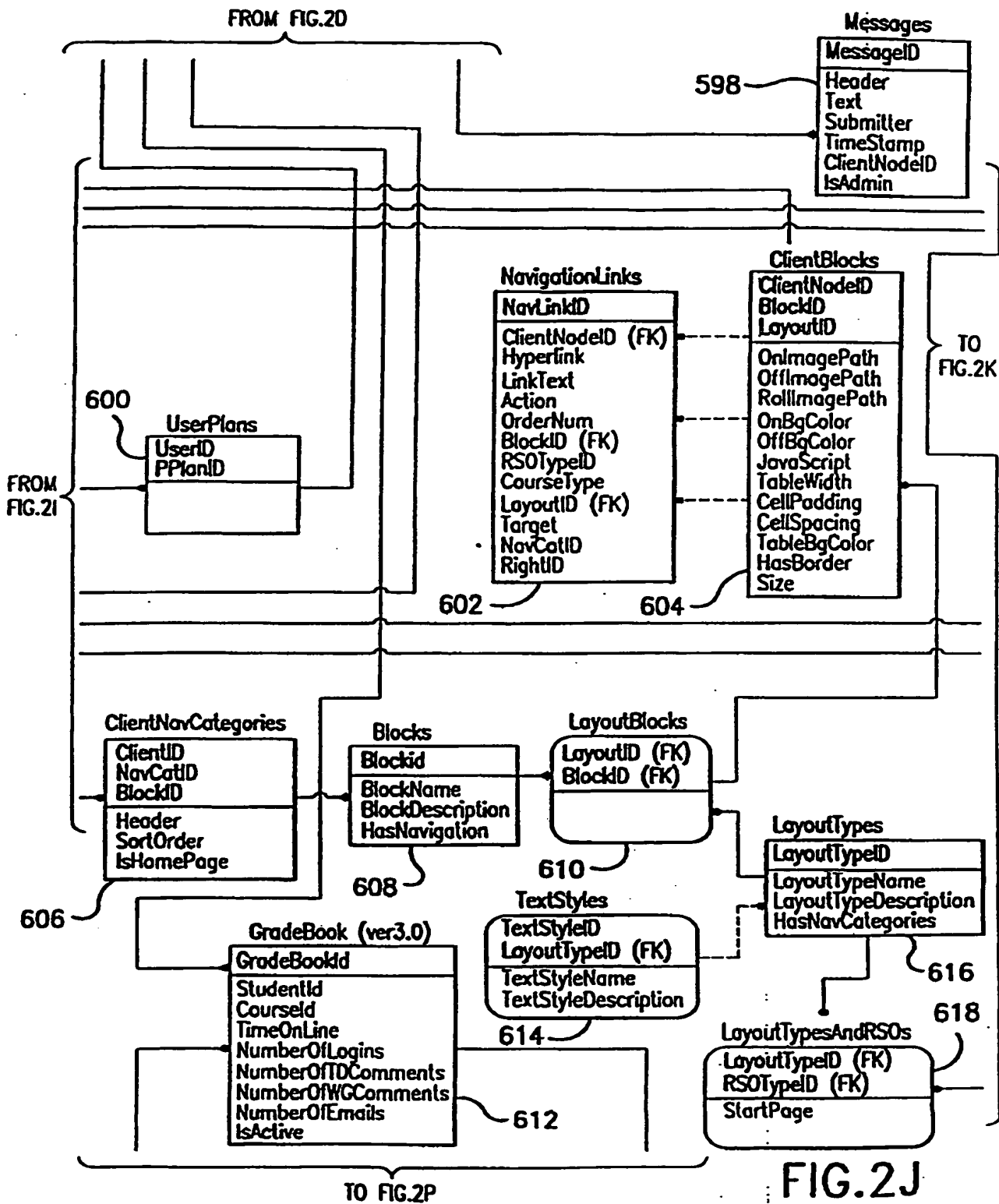
CoursesAndClientNodes

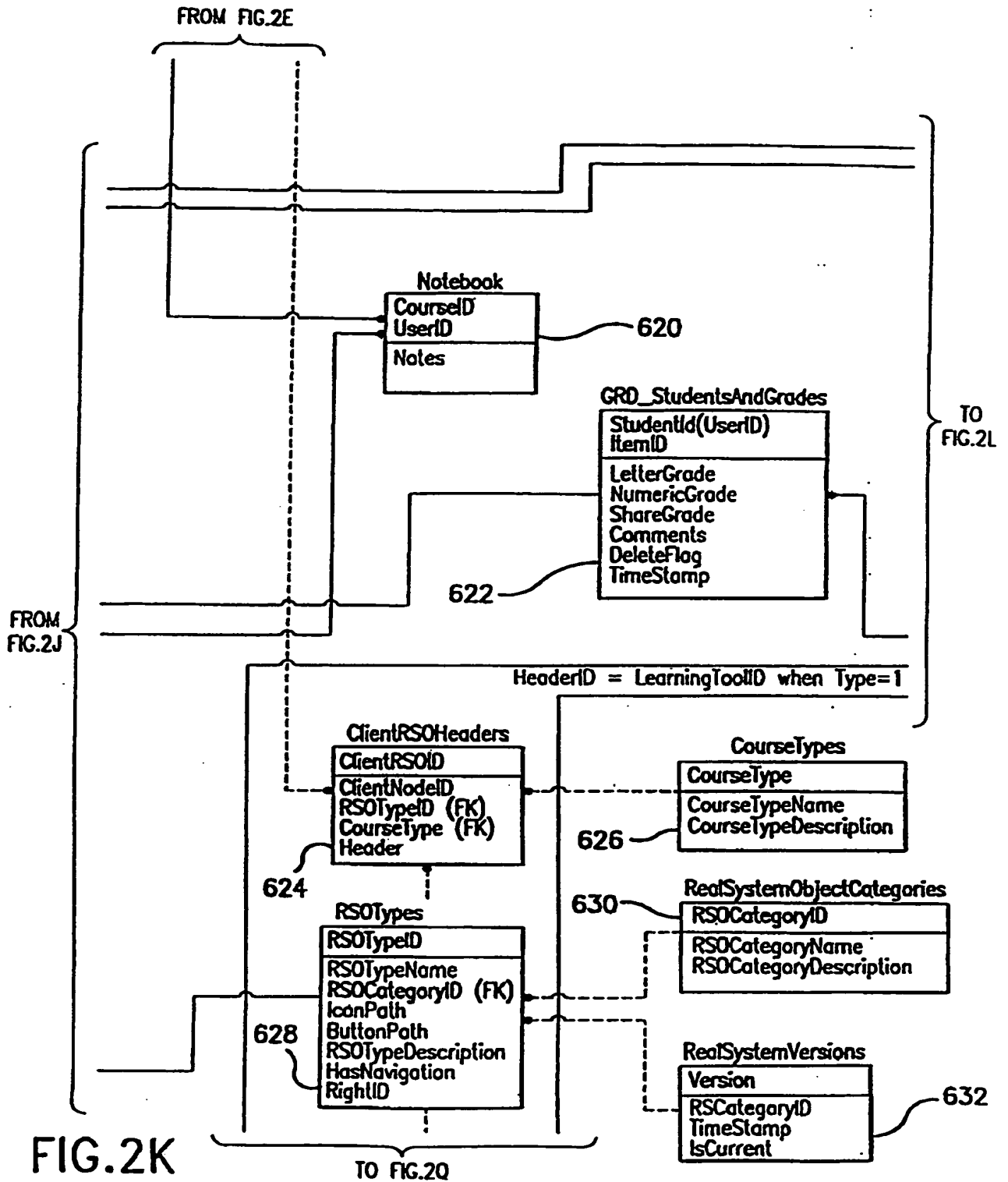
CCNID
CourseID (FK)
ClientNodeID
CourseCode
IsOwner
DispCourseCode
LogoPath

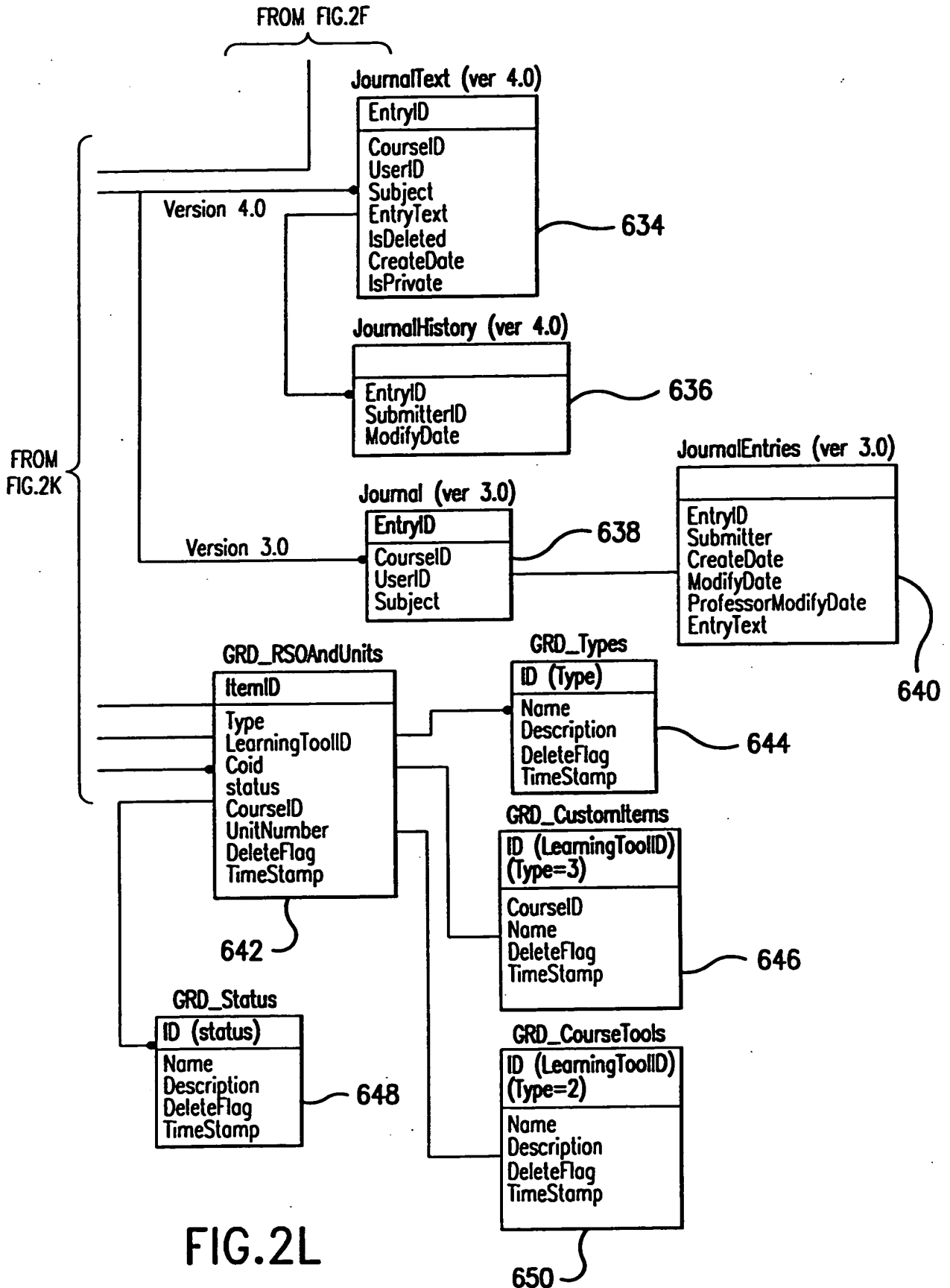
574

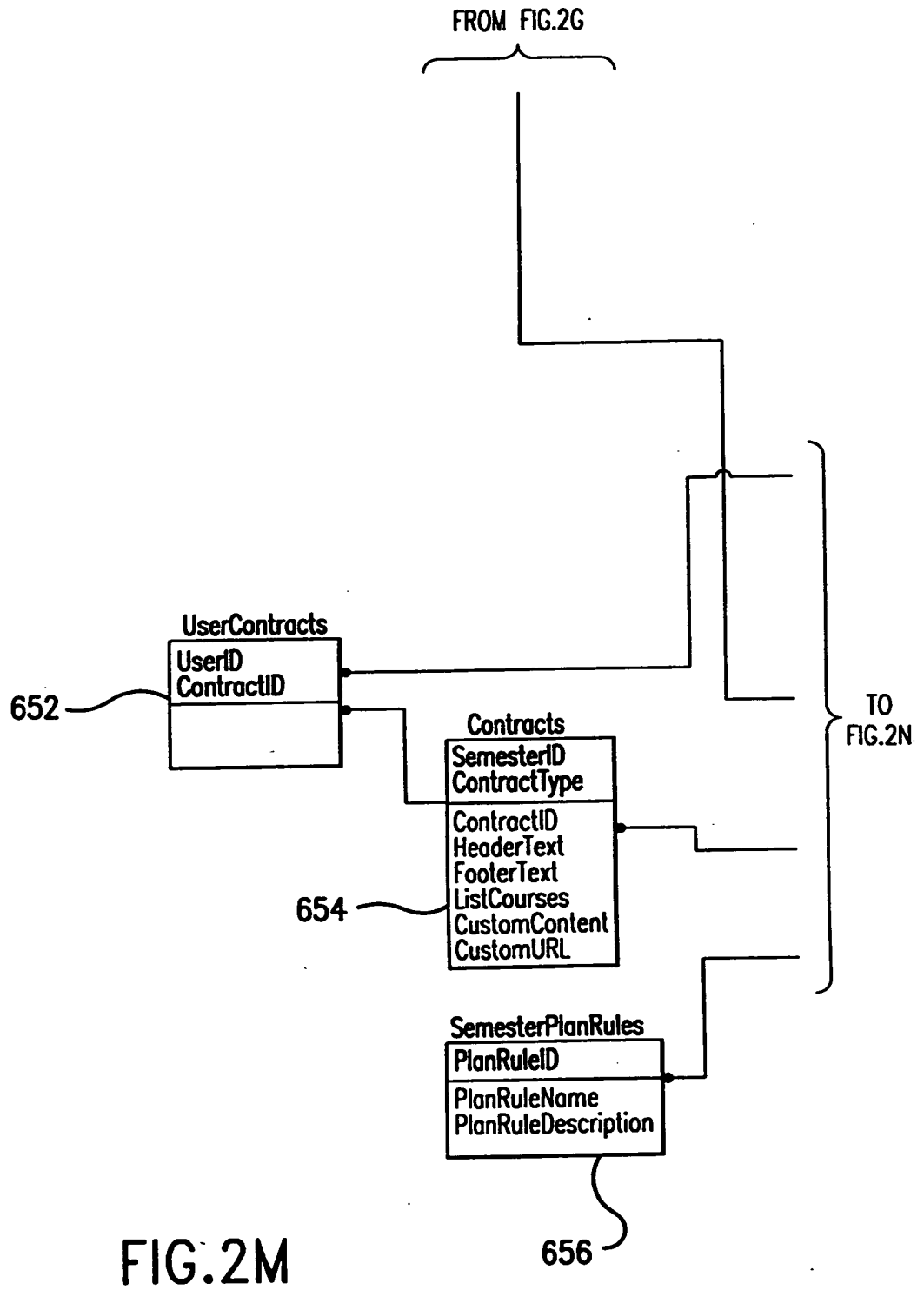
2025-11-14 10:06:22.14 -04:25:02

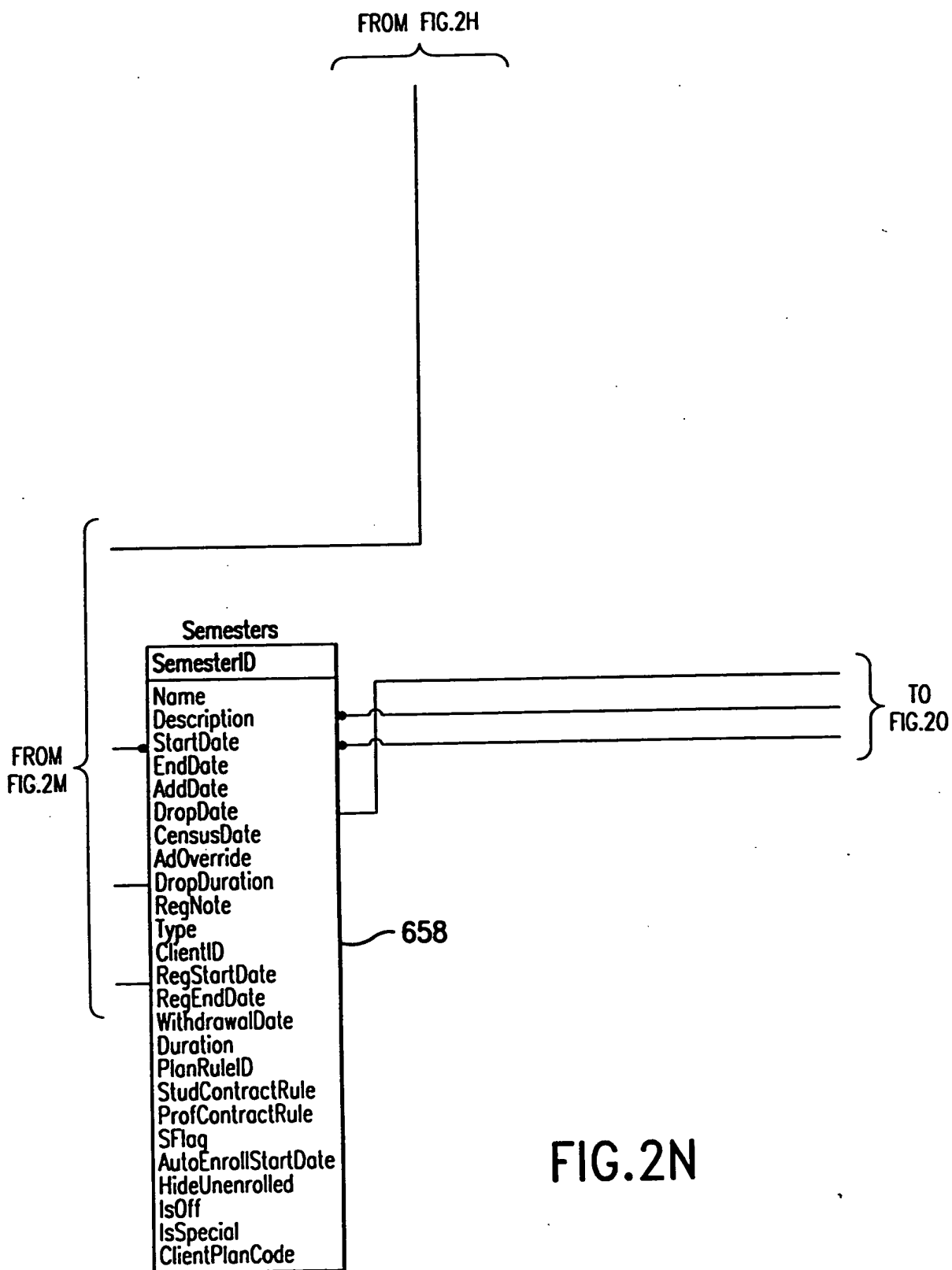












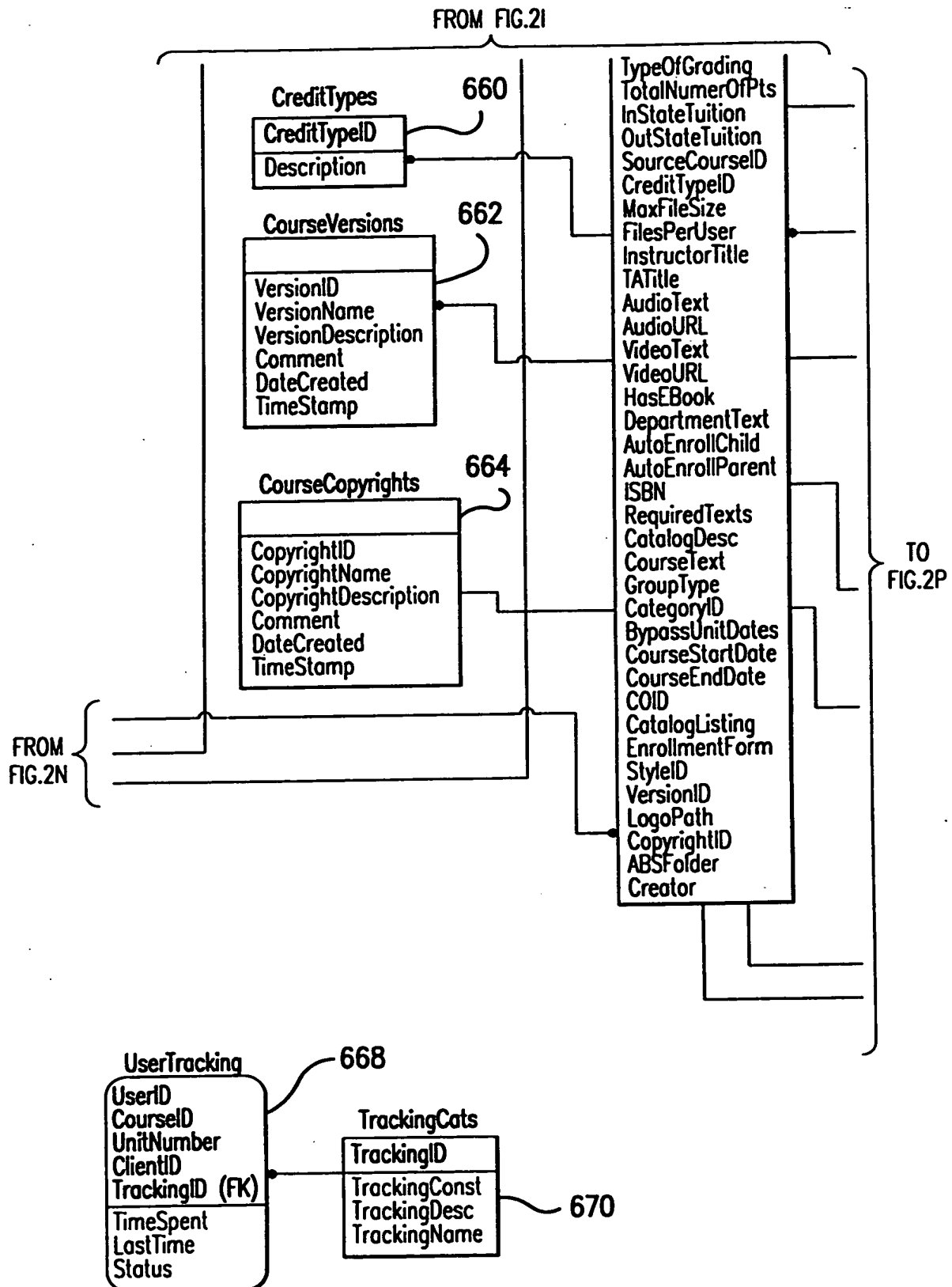
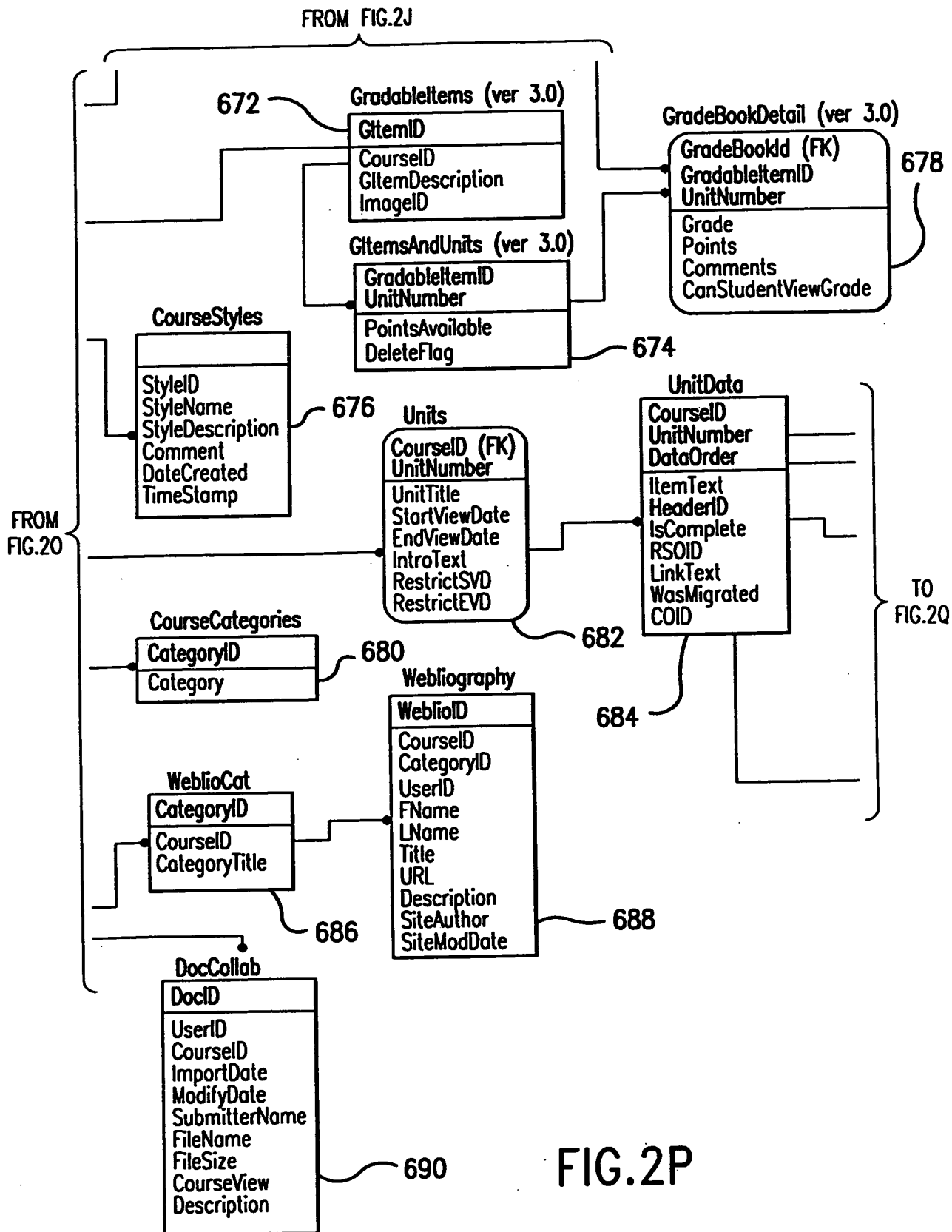


FIG.20



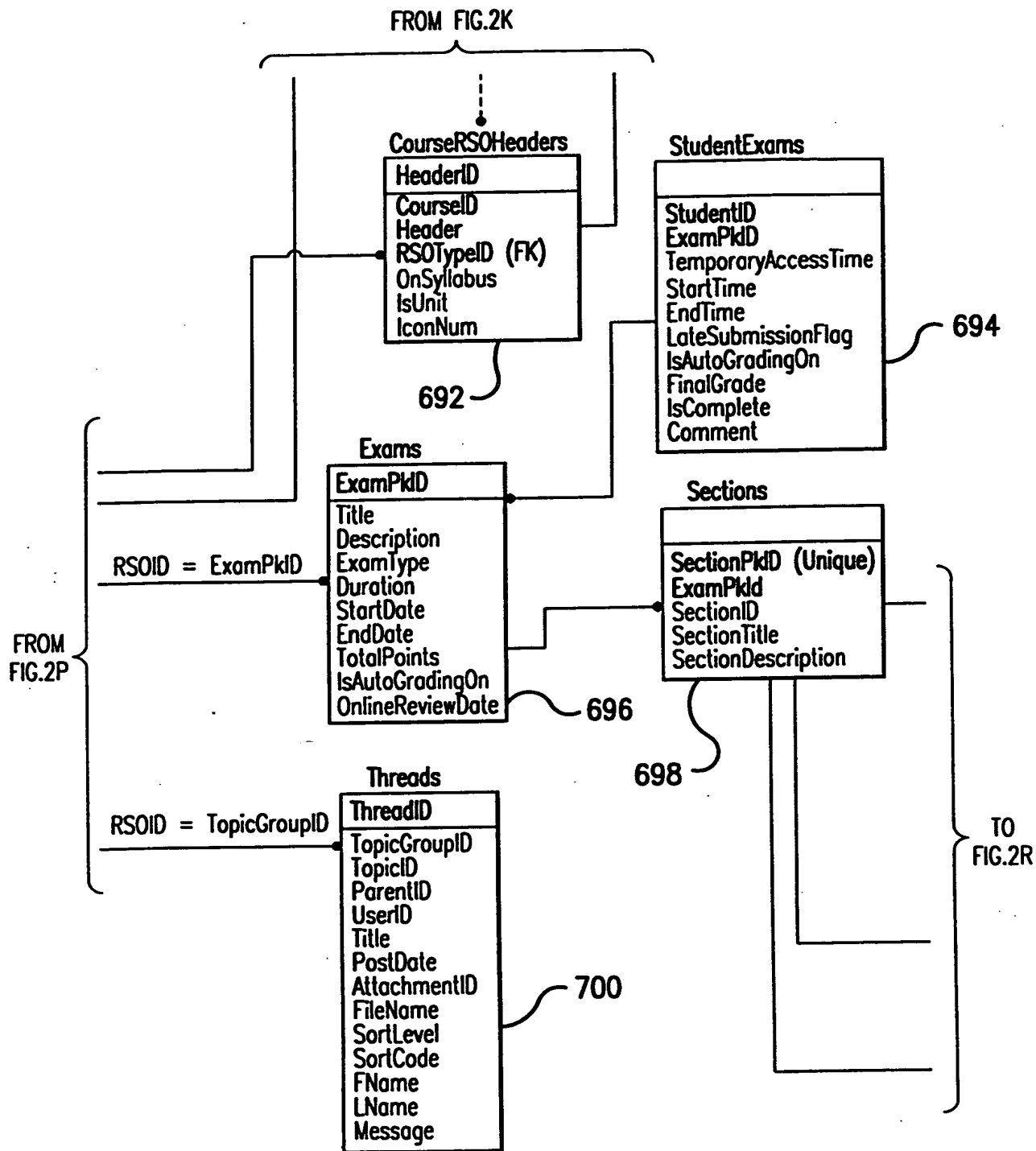
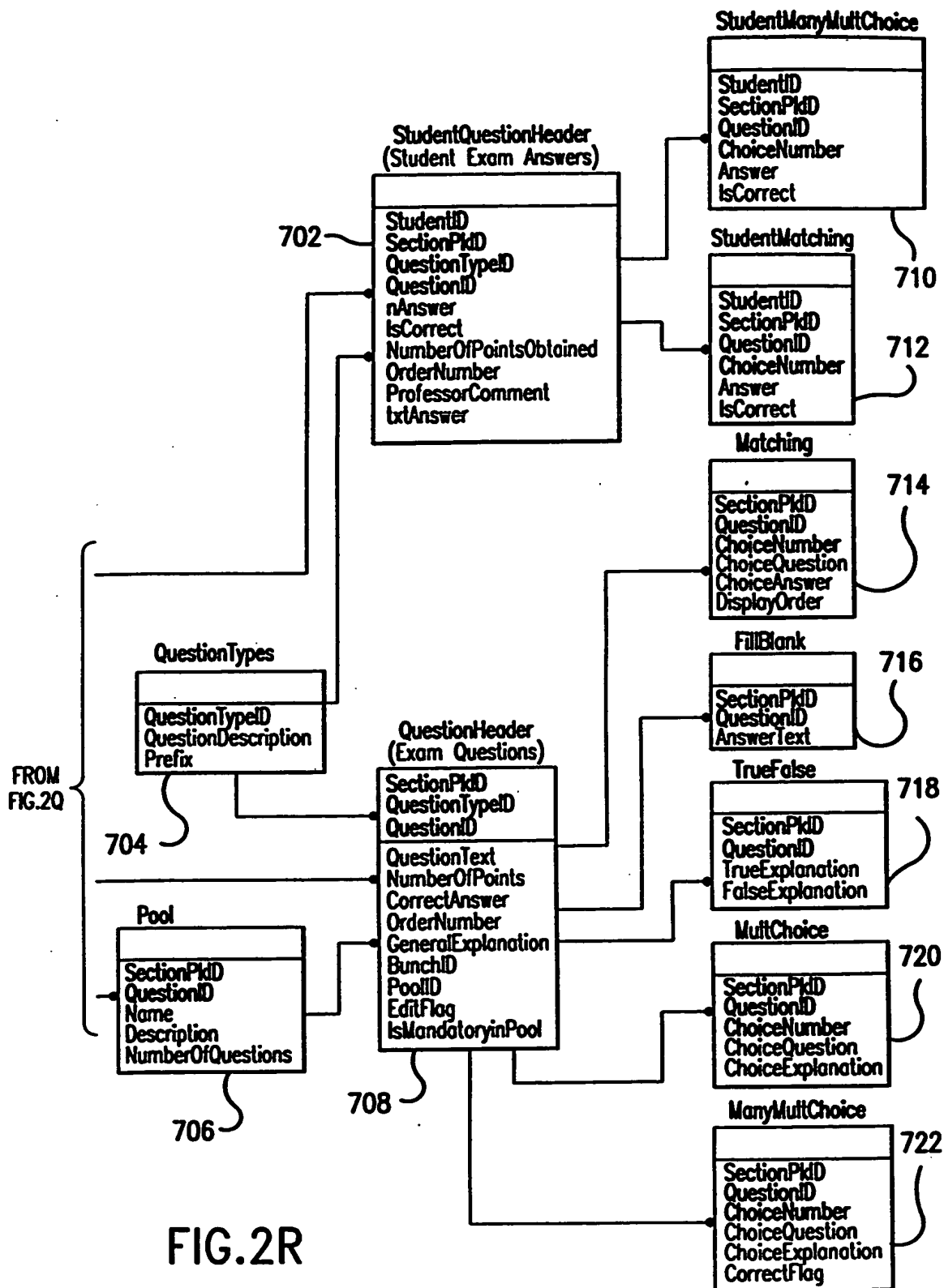
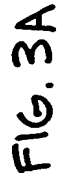


FIG.2Q





[illegible]

FIG. 3B

Document Sharing/Collaboration

816

Course Home Page
Document Collaboration
Email Links
Grading Book
Handbook
Online Catalog
Student Journal
Student Notebook
Weblogs/Invent
Web Grading Book

Document Collaboration

848

↓ Download file

PC users - Hold your mouse over the document name, click your right mouse button and scroll to 'Save Target As...' (IE) or 'Save Link As...' (Netscape) on the menu that appears.

Mec users - Click and hold on the document name until a menu window appears. Choose the option that allows you to save the document on your computer.

Kevin Himmel HBSP

852	854	856	858	860
File Name	Description	Owner	Date	Size
File Name	Description	Owner	Date	Size

850

ADMIN ONLY
LINKS

Course Manager
Profile

↑ Upload File To

862 863

File Name

Description (required)

864

866 868

Owner Date

870

FIG. 3C

205240" 47229007

email class

Course Home Page - Cell Biology - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Reload Home Search Favorites History Mail Print Edit

Address: http://courfina.edu/ha/A_EmailCourse.nsf?Action=EMAIL_CCL&lat=0&CourseID=34473&CNodeID=6148&47-37953#email

☐ Professor M. Goalstone (Marc.Goalstone@UCHSC.edu)

Cell Biology

☐ All Enrolled Users - 874

[show email list](#)

☐ From: Jana Warner - 876

Date: 8/17/99

Subject: 878

Message:

884

882

880

872

816

872

[illegible]

Fig. 3E

Gradebook – student view

Gradebook - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Reload Home

Address Bar

http://courseware.edu/GradeBook/real/CourseID=3447&CDModelD=614&Action=GRADEBOOK&47-37959

Online GradeBook BIOL 3611-OL1 - Cell Biology

Exit

816

Student

896

Wagner, Daniel

898

NO INFORMATION

894

Nonaka, Gabriel

894

View Work

Put mouse over bar, click down & HOLD. Now drag mouse & bar for better viewing.

Select an Item to View:

Researcher's Journal

Journal

Classroom

Wagner's Journal

Wagner's Journal

900

FIG. 3F

205240" 47229007

Message Center

Course Home Page - Kevin Himmel HBSP - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Reload Home

Address: http://proquest.com/kevin/Himmel/ID-3408/Action-MESSAGE/ID-2879

Case | Kevin Himmel HBSP
Professor: None
8:00 7:22:10 PM Mountain Time

HOME PAGES: Greg University / Sarah Allen / Case

816

Message Center 906

Post a message (admin only) 904

Sarah Allen: Hello! I am sorry that I will be a bit on Monday instead of Friday. Please complete by 9:00 pm. Thank you!
Post a message (admin only) 905

Kevin Himmel Page

Board of Directors

Faculty

Student Handbook

Online Catalog

Student Handbook

Faculty Handbook

Student Handbook

Faculty Handbook

Student Handbook

Online chatroom

Course Home Page - Cell Biology - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Reload Home

Search Favorites History Mail Print

Address http://cuonline.edu/te/A_Chat.html?CourseID=34475&Room=BIOL3611_344750

BIOL 3611-OL1 | Cell Biology

Professor: Marc Goalstone

8/17/09 4:08:07 PM Mountain Time

HOME PAGES: [University of Colorado Online](#) / [Jana Warner](#) / [BIOL 3611-OL1](#)

816

Chat | [View Chat Logs](#) | [Help](#)

User: Jana_Warner Room: BIOL3611_344750 Room Users: 1

910

908

914

912

Course Home

Course Information

Massabel Gante

Final Exam

Online Chatroom

Document Sharing

Weblog/Link

Student Notebook

Student Journal

Gradebook

Helpdesk

FIG. 3H

Student Journal

Case | Kevin Himmel HBSP
Professor: None
8/9/98 7:40:23 PM Mountain Time

HOMEPAGES: Greg University / Sarah Allen / Case

eCollege_{sm}

816

916

Student Journal

-> Start New Journal Entry - 918

ENTRIES > EXPAND ALL | COLLAPSE ALL - 920

922

Control Home Page
DocuMain
Collaboration
Email Links
GradeBook
HelpDesk
Hotlist & Preferences
Message Center
Online Chatroom
Student Journal
Student Notebook
Webboard/Reply
Prof GradeBook

My Favorite Chapter
Last modified by student: 8/9/99 7:41:18 PM - 924
Last modified by instructor: 8/9/99 7:41:18 PM
Thought Chapter 5 was really interesting. - 926
Prof comments: I'm glad you enjoyed it. - 928
EDIT THIS JOURNAL ENTRY - 930

What I think

Last modified by student: 8/9/99 7:39:43 PM
Last modified by instructor: Not modified

ADMIN ONLY

LINKS

Course Manager

Profile

FIG. 3I

Student Notebook

23 Notebook - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail News RSS

Address http://cuonline.edu/ie/A_Notebook.rea?CourseID=34473&CNodeID=8148&Action=NOTEBOOK&47-37953

BIOL 3611-OL1 | Cell Biology

Professor: Marc Goalstone

8/17/08 3:44:28 PM Mountain Time

HOMEPAGES: [University of Colorado Online](#) / [Jana Warner](#) / [BIOL 3611-OL1](#)

816

Counselor

Counselor Information

Massachusetts

Final Glass

Online Chatroom

Document Station

Webb Home

Student Notebook

Student Journal

Classroom

Feedback

932

Notebook

Please be sure to click on the "Save Notes" button to avoid losing your notes.

936 — 934

Save Notes

Save Notes

FIG. 3J

Weblogography

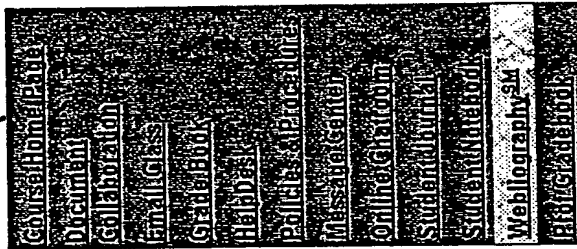
BIOL 3611 | Cell Biology
Professor: prof prof
8/8/99 7:52:28 PM Mountain Time

eCollege.com

HOME PAGES: Greg University / Sarah Allen / BIOL 3611

816

938



Weblogography

- add new entry - 940
- view all entries - 942
- search - 944

Results

2 item(s) are in the weblogography.

- Great Resource - 946
Description: This is a great source to find content in cell biology - 948

DELETE (ADMIN ONLY)

- My favorite - 950
Description: This is where you can talk to other cell biology researchers - 952

DELETE (ADMIN ONLY)

ADMIN ONLY
LINKS
Course Manager
Prof Help

FIG. 3K

Threaded Discussion

HOME PAGES: [Greg University](#) / [Sarah Allen](#) / [Orientation Course](#) / [Unit 5: How Do I Communicate with my P...](#)

[Home](#) [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#)

816

- [Course Home Page](#)
- [Declaring](#)
- [Collaboration](#)
- [Email Class](#)
- [GradeBook](#)
- [HelpDesk](#)
- [Policies & Procedures](#)
- [Message Center](#)
- [Online Chatroom](#)
- [Student Journal](#)
- [Student Notebook](#)
- [WebJunction](#)
- [ProfileBook](#)

Thread Topics

[Why are you taking an online course?](#) - 956

[Have ever taken a course online before?](#) - 958

[ADD A TOPIC \(ADMIN ONLY\)](#)

Have ever taken a course online before?

Keith Millner | 7.21.99 4:13:08 pm

More and more people are taking courses online. If you are one of the pioneering types who has been down this road before, perhaps you have experiences or advice to offer those who are now joining you in this new academic environment.

- 960

[RESPOND TO THIS TOPIC](#) | [EDIT TOPIC \(ADMIN ONLY\)](#) | [DELETE TOPIC \(ADMIN ONLY\)](#)

[Responses](#) - 968 - 970

display by: [TOPIC](#) | [DATES](#) | [AUTHOR](#) - 972

[show expanded view](#)

↳ This is great - I am... Susan Karson | 8.9.99 7:54:49 pm - 974

This is great - I am really excited about taking my course online

[RESPOND TO THIS POST](#) | [DELETE THIS POST \(ADMIN ONLY\)](#)

- 976 - 978

[ADMIN ONLY](#)

[LINKS](#)

[Course Manager](#)

[Profile Help](#)

FIG. 3L

Student Exam

Time Remaining: 0 hours 29 minutes 49 seconds **982**

1. With online courses you do not have daily contact with your professor. Does this mean all online courses are self-paced? (1 point)

(s) **984**

☐ Yes
☐ No

980

2. Match the following terms with the correct definition. (3 point(s)) **986**

<input type="checkbox"/> E-mail	1) This synchronous form of communication can take place with the entire class, a small group, or a private meeting between my professor and me. In this type of communication, everyone involved must be logged in at the same time.
<input type="checkbox"/> Syllabus	2) This is what I would use to contact a fellow student(s) and/or the professor, without the message becoming a permanent part of the course.
<input type="checkbox"/> Online Classroom	3) My instructor may use one of these to communicate due dates for the course, and other course information.

Exam Navigation:

Click on the buttons below to switch between exam sections. Clicking on the buttons will also store your answers.

988

Store your answers frequently during exam. Submit for grading when you are finished working on the exam.

990

992

FIG. 3M

Administrative Pages

Administrative Reports - Microsoft Internet Explorer

Address: <http://gregu.realed.com/he/admin/admincenter.real?47-28779>

8/18/99 9:13:23 AM Mountain Time

Administrative Pages

HOME PAGES: [Greg University](#) / [Sarah Allen](#) / [Administrative Pages](#)

User Maintenance - 996

- [User Enrollment - 998](#)
- [Assign users to courses.](#)
- [User Status - 1000](#)
- [Change a user's status and course association.](#)
- [Create User - 1002](#)
- [Create a new user.](#)
- [Enroll User In Another Enrollable Area - 1004](#)

Administrative Message Center - 1006

- [Send a message - 1008](#)
- [Send a message to a group of users via email or posting on the Personal Student Home Page; place a course block on users.](#)
- [Remove a Course Block - 1010](#)
- [Remove an existing course block.](#)

Reports - 1012

- [User reports - 1014](#)
- [Search for users and view or edit data related to: Enrollment, Registration, Usage Logs, and Administrative Information.](#)
- [Course reports - 1015](#)
- [Review enrollment totals by course. View a list of the currently enrolled users. Adjust current enrolled student statuses.](#)
- [University reports - 1016](#)
- [Reports on the number of courses by enrollable area. View user enrollment by enrollable area. View enrollments by semester.](#)

eCollege

994

FIG. 3N

Administrative Pages - User Enrollment

Microsoft Internet Explorer

Address: <http://greguared.com/te/admin/UserSelect.real?Type=enroll&47=28779>

<input type="radio"/> molatost, al	al@realeducation.com	CU Student	Sales
<input type="radio"/> Molaison, Al	al@realeducation.com	CU Student	Sales
<input type="radio"/> Ode, Alan	ayoda@puedu	CU Professor	Temporary
<input type="radio"/> Talbot, Anthony	anthonyv@colleget.com	CU Professor	Realized Internal Training
<input type="radio"/> Talbot, Anthony	anthonyv@colleget.com	CU Professor	Sales
<input type="radio"/> test,andy	andy@realeducation.com	CU Student	Sales
<input type="radio"/> Tompkins, Robert	drfss@realeducation.com	CU Student	Sales

Enroll this User in Courses

FIG. 30

Administrative Pages - User Status

User Status Set - Microsoft Internet Explorer

http://gregcreated.com/te/admin/UserStat.html

Enrollment Information for andy test

Sales Status	
School	Current Status
Sales	GU Student

Enrolled In GregU - Assigned Role by Real System Admin

1022

1024

1026

Course Enrollment			
School	Semester	Course	Current Status
Sales	Demonstration	Unit 101	GU Student
GregU University	Specialty Courses	Orientation Course	GU Student

Added to Course via ADD/DRO

Auto Enroll in Orientation Course (from RS Admin Pages)

1028

Update

Administrative Pages - Enroll User in another Enrollable Area

Enroll a Student in a New Enrollable Area - Microsoft Internet Explorer

Address: <http://gregurealed.com/te/admin/AssignNewLevel.html>

HOME PAGES: [Greg University](#) / [Sarah Allen](#) / [Administrative Pages](#) / [User Search](#) / [User Select](#) / [Enroll a User in Another Level](#)

Enroll a User In Another Enrollable Area

Sarah Allen is currently enrolled in the following area(s): **- 1032**

- Sales

Step 3: Select the new enrollable area(s)

Test	- 1034
EdUSA	
ID 1000	
Quality Assurance	

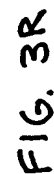
Step 4: Select the user's role in the new area(s)

- 1036

Step 5 (Optional): Move Sarah Allen into the selected node(s) only - **1038**

☐ Remove Sarah Allen from the currently enrolled area(s). - **1040**

FIG. 3Q



User Reports - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Reload Home Search Favorites History Mail Print Edit Delete

<http://gregu.realed.com/ie/admin/UserReports.real?Report=1647-28779>

Administrative Pages

8/18/99 9:44:13 AM Mountain Time

HOME PAGES: [Greg University](#) / [Sarah Allen](#) / [Administrative Pages](#) / [User Search](#) / [User Select](#) / [User Reports](#)

User Reports: [Brett Krichliver](#)

Enrollment Information | [Registration History](#) | [Payment Information](#) | [Log](#) | [Full Detailed Report](#) | [Administrative Login](#)

School	Semester	Course	Status Date	Status	Comment
Greg University			07/21/99	CU Pro	SYSTEM/Auto Enroll Basic Orientation
Greg University			02/02/99	CU Student	SYSTEM/Auto Enroll Basic Orientation
Greg University			07/21/99	CU Student	Auto Enroll Orientation Course Set (from RS Admin Pages)
Sales	Special Courses	Orientation	02/02/99	CU Professor	Enrollment Gregu Assigned Roles by Real System Admin
Sales	Administration	CU	02/25/99	CU Student	
Sales	Administration	Sales	02/02/99	CU Professor	

* Denotes enrollable area status

1056

Administrative Pages - Course Reports

Course Reports - Microsoft Internet Explorer

Address: <http://goguarded.com/ie/admin/CourseReports.asp>

Course Reports

The course enrollment information and the current status of users in the course is listed below. To change a user's status in the course, select it from the 'Set New Status' option and click the 'Update' button at the bottom of the screen.

Quality Assurance Semester - Accredited Buyer Representative

Max Enrollment	Current Enrollment	Max Waitlist	Current Waitlist	Current Status	Set New Status	Set Status Comment
25	25	0	0	CU		
25	25	0	0	Student		
25	25	0	0	CU		
25	25	0	0	Student		

1058

1062

1060

FIG. 3T

Administrative Pages - University Reports

University Reports - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail News Groups Feeds

Address http://gregu.realed.com/te/admin/UnivReports.rea?ACT=course

Administrative Pages
8/18/99 9:47:34 AM Mountain Time

eCollege

HOME PAGES: [Greg University](#) / [Sarah Allen](#) / [Administrative Pages](#) / [University Reports](#)

University Reports

[Course Count per Area](#) | [User Count per Enrollable Area](#) | [Enrollment per Semester](#)

Course Count per Area 1066

Area	Courses
Greg University	5
Realed	1
EdUSA	3
ID-1000	0
Quality Assurance	10
Realed Internal Training	89
Sales	126

FIG. 3U

eCS 3.0 - Course Manager

<http://gregu.realed.com/ie/CourseManager/CM.real?CourseID=41163&CModelID=340&47=28779>

CM AX / 360
[Exit Course Manager](#)
[File Upload/Download](#)

BIOL 3611
Unit1
Unit2
Unit Audio
Reading
Assignment
Unit3
Unit4
Unit Audio
Reading
Exam Key
Unit5
Unit6
Unit Audio
Reading
Upcoming Events
Unit7
Unit8
Unit9
Unit10
Unit11
Unit Audio
Reading
Upcoming Events
Study Guide
Unit12
Unit13
Unit14

1068
eCollege
BIOL 3611 | Cell Biology
Professor: prof prof
8/10/99 10:17:51 AM Mountain Time
HOMEPAGES: Greg University / Sarah Allen / BIOL 3611

Course Home Page
Click here for Introductory Video (Video)

1070
Unit Title
January 19-24
January 24-31
February 1-7
February 8-14
February 15-21
February 22-28
March 1-7
March 8-14

Course Home Page
Documents
Collaboration
Emails
Grade Book
Help Desk
Polls & Procedures
Message Center
Online Chat Room
Student Journal
Student Notebook
Web Resources
Print Grade Book

ADMIN ONLY LINKS
[Course Manager](#)

FIG. 3V

eCS 3.0 - Course Manager

CM AX/MP

Exit Course Manager

File Upload/Download

BIOL 3611

Unit1

Unit2

Unit Audio

Reading

Assignment

Unit3

Unit4

Unit Audio

Reading

Exam Key

Unit5

Unit6

Unit Audio

Reading

Upcoming Events

Unit7

Unit8

Unit9

Unit10

Unit11

Unit Audio

Reading

Upcoming Events

Study Guide

Unit12

Unit13

Unit14

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Unit 2 : January 25 - 31

Unit Audio

Unit Two

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Student Journal

Student Notebook

Weblog/Forum

Private Calendar

ADMIN ONLY

LINKS

Course Manager

Profile

Assignment

Calculate: the ΔG° and determine the spontaneity for the following reaction:

FIG. 3W

<http://greguired.com/vse/CourseManager/CM.real?CourseID=41163&CModelID=3405347#28779>

BIOL 3611 | Cell Biology
Professor: prof.nrof

1084 / **1068**

CM AX LRP
Exit Course Manager
File Upload/Download

% Course Manager

Unit Audio
Headings
Assignment

Unit1 Unit2 Unit3 Unit4 Unit5 Unit6 Unit7 Unit8 Unit9 Unit10 Unit11 Unit12 Unit13 Unit14 Unit15 Unit16

Description
Assignments

This week you will be introduced to simple laws of thermodynamics (CH 5). By the end of Chapter 5, you should be able to calculate the Gibbs free energy change and determine the spontaneity of a reaction.

<p>
Chapter 5 - pp 119-133

Lecture Notes - chapter 5

Video (Video) 1070

Weblogography
Prof's Gratabook

ADMIN ONLY LINKS
Course Manager

1084	Fabian	1070	1092
15	2/28	7	3/1
March 1	March 1	March 1	March 1

Fig. 3X

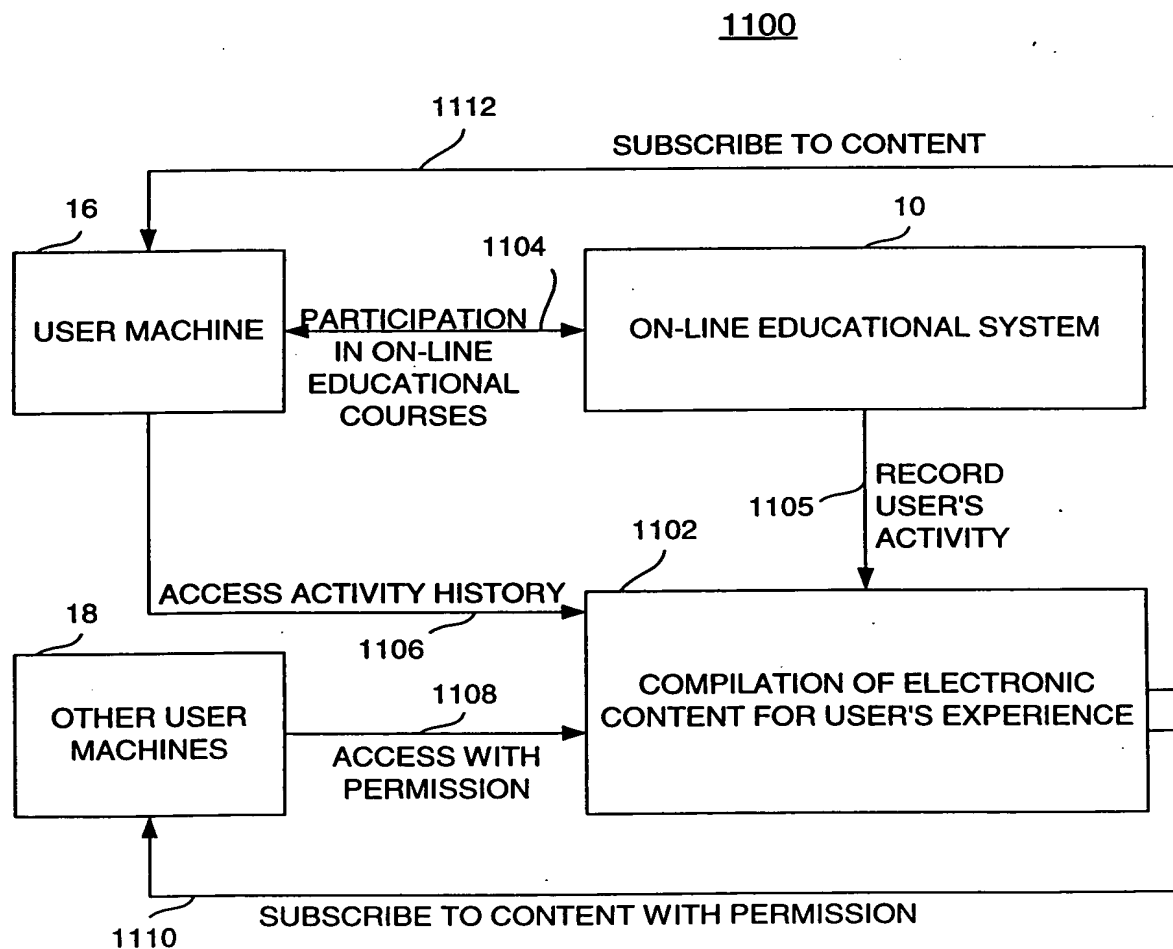


Fig. 4A

205240 4 F22900F

1114

USER X COMPILED CONTENT				
1116 RECORD 1	1118 DATE/TIME STAMP	1120 CATEGORY OF CONTENT	1122 ASSIGN- MENT CONTENT	1124 OTHER CONTENT
⋮ 1126 RECORD N	1128 DATE/TIME STAMP	1130 CATEGORY OF CONTENT	1132 ASSIGN- MENT CONTENT	1134 OTHER CONTENT

Fig. 4B

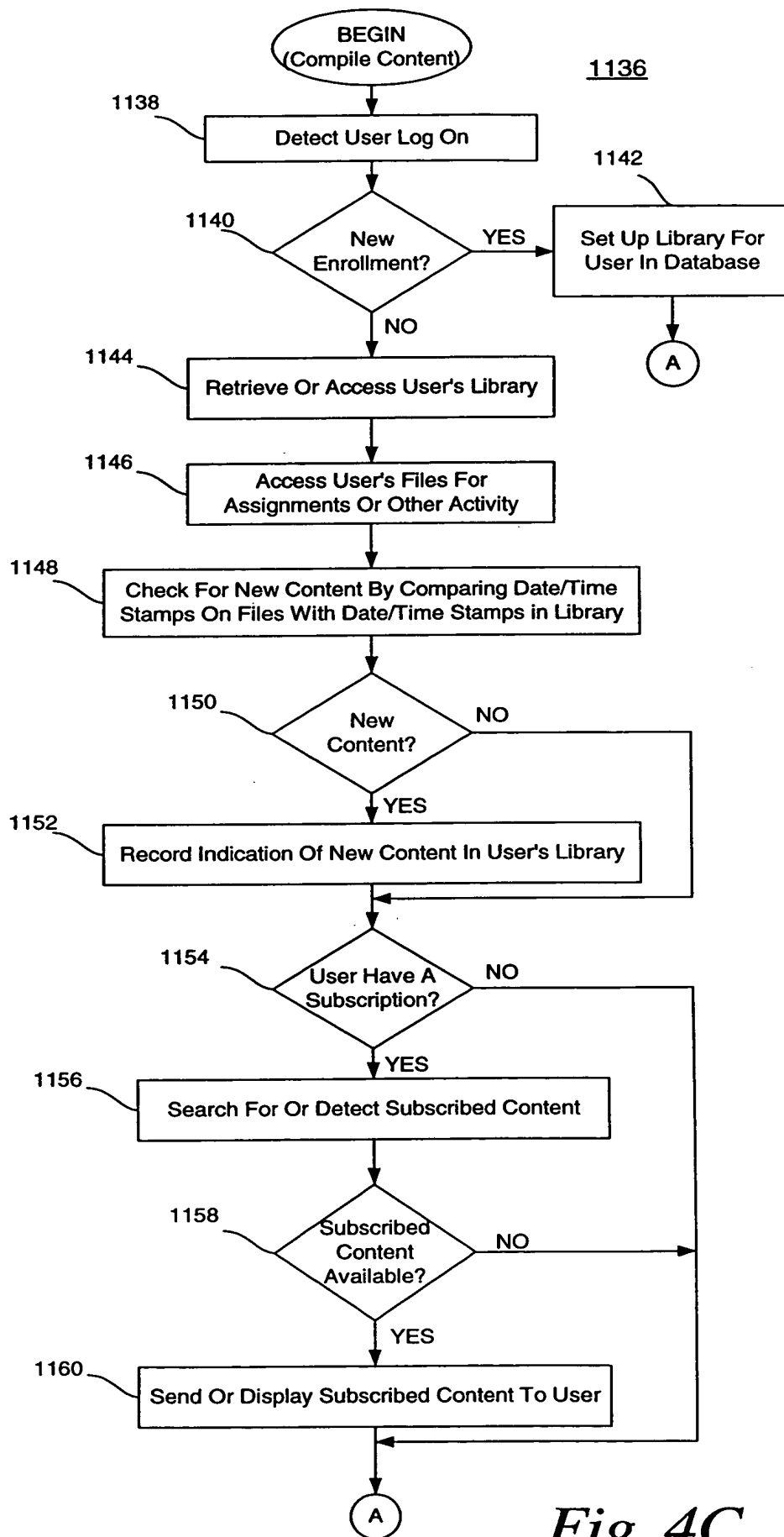


Fig. 4C

205340-1122901-10062214-042502

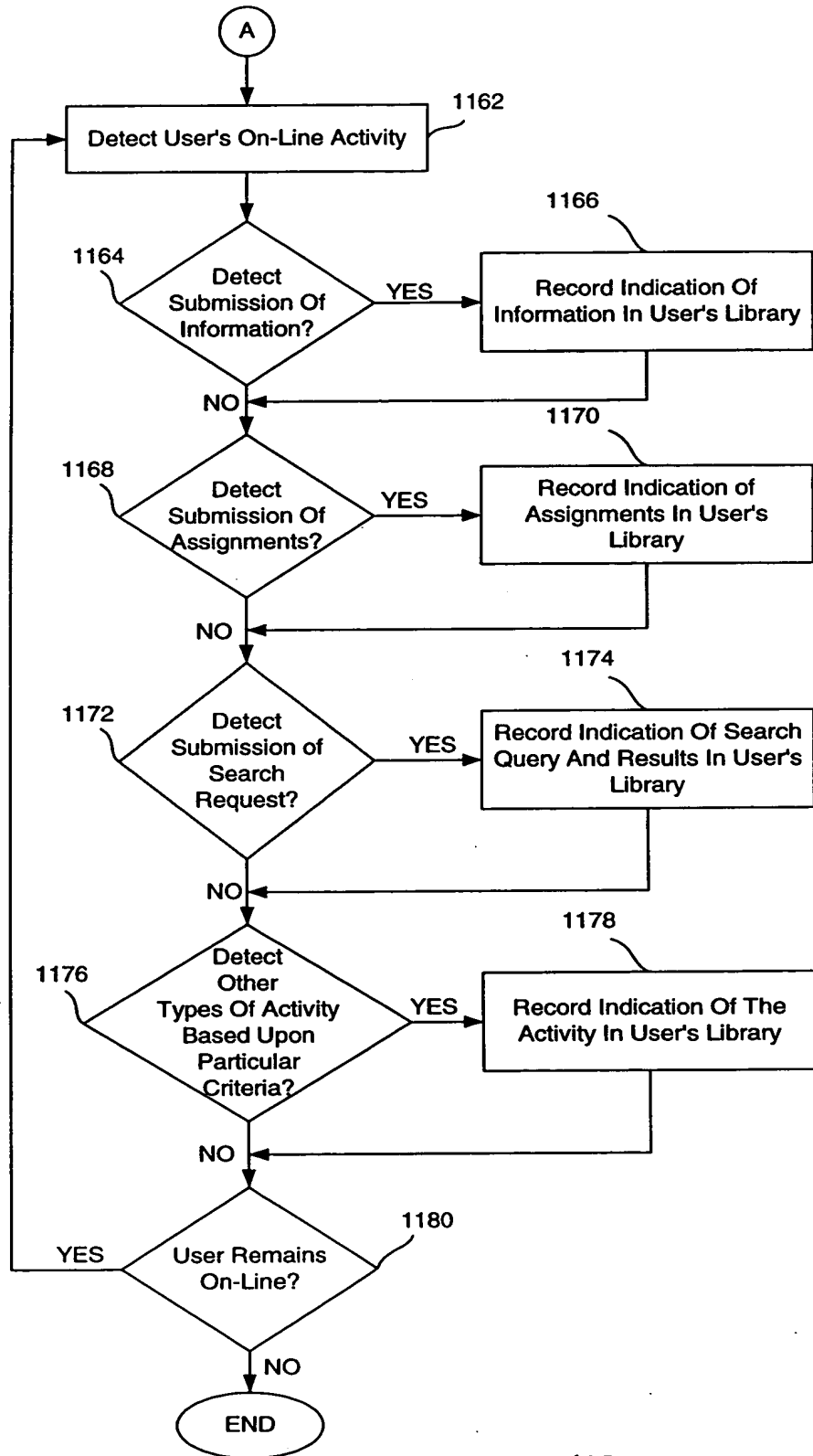


Fig. 4D

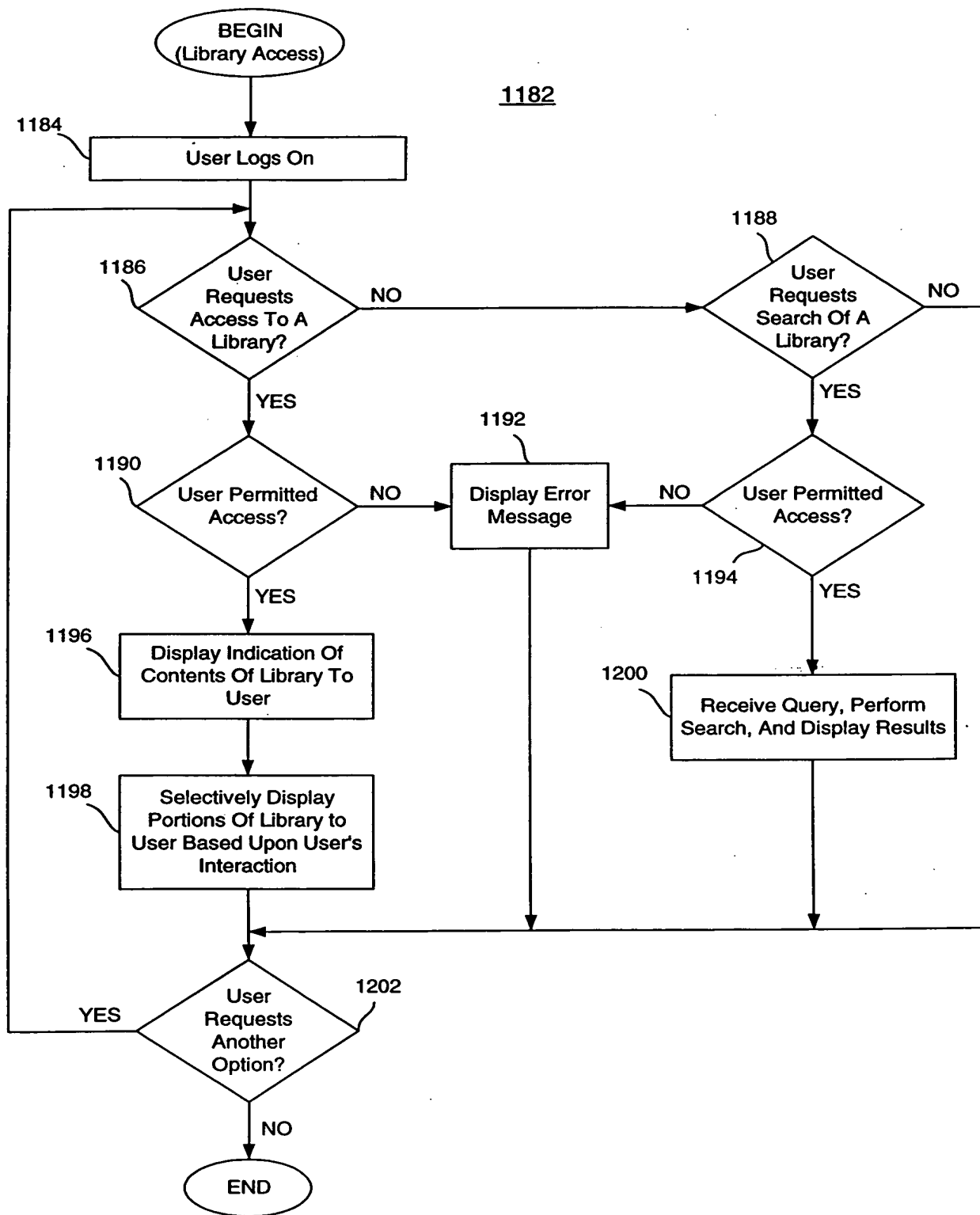


Fig. 4E

